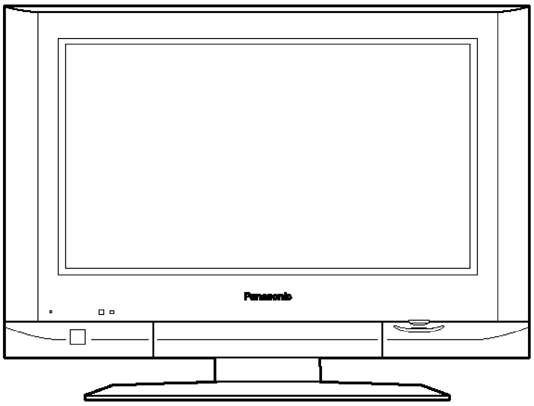
ORDER NO. ITD0507041CE

Service Manual

Wide LCD TV

TX-32LX500M / TX-32LX500A / TX-32LX500X / TX-26LX500M / TX-26LX500A / TX-26LX500X

LH41 Chassis



SPECIFICATIONS

Specifications

Power Source	AC 110 - 240 V, 50 / 60 Hz
Power Consumption	Average use : 137 W (0.8 A) (TX-26LX500)
	Average use : 168 W (1.0 A) (TX-32LX500)
	Standby condition : 0.4 W
LCD	Wide XGA (1,366 × 768 pixels)
	16 : 9 aspect ratio LCD panel
Visible screen Size	64.8 cmV, 565 mm (W) × 318 mm (H) (TX-26LX500)
	80.0 cmV, 697 mm (W) × 392 mm (H) (TX-32LX500)
Sound	
Speaker	Woofer (Ø80 mm) × 2 pcs, Tweeter (16 mm × 73 mm) ×4 pcs
Audio Output	20 W (5 W + 5 W, 5 W + 5 W), 10% THD
Headphones	M3 (3.5 mm) Jack × 1
Scanning format	480i(60Hz), 480p(60Hz), 576i(50Hz), 576p(50Hz), 720p(50Hz), 720p(60Hz), 1080i(50Hz), 1080i(60Hz)
PC signals	XGA display
	VGA, SVGA, XGA
	SXGA...... (compressed)
	Horizontal scanning frequency 31 - 69 kHz
	Vertical scanning frequency 59 - 86 Hz

Receiving Systems/	**Band name**	

17 Systems		Function
1	PAL B, G, H	Reception of broadcast transmissions and Playback from Video Cassette Tape Recorders
2	PAL I	
3	PAL D, K	
4	SECAM B, G	
5	SECAM D, K	
6	SECAM K1	
7	NTSC M (NTSC 3.58/ 4.5 MHz)	
8	NTSC 4.43/ 5.5 MHz	Playback from Special VCR's
9	NTSC 4.43/ 6.0 MHz	
10	NTSC 4.43/ 6.5 MHz	
11	NTSC 3.58/ 5.5 MHz	
12	NTSC 3.58/ 6.0 MHz	
13	NTSC 3.58/ 6.5 MHz	
14	SECAM I	
15	PAL 60 Hz/ 5.5 MHz	Playback from Special Disc Players and Special VCR's
16	PAL 60 Hz/ 6.0 MHz	
17	PAL 60 Hz/ 6.5 MHz	

Receiving Channels	**Regular TV**	
	VHF BAND	**2-12 (PAL / SECAM B, K1)**
		0-12 (PAL B AUST.)
		1-9 (PAL B N.Z.)
		1-12 (PAL / SECAM D)
		1-12 (NTSC M Japan)
		2-13 (NTSC M USA)
	UHF BAND	**21-69 (PAL G, H, I / SECAM G, K, K1)**
		28-69 (PAL B AUST.)
		13-57 (PAL D, K)
		13-62 (NTSC M Japan)
		14-69 (NTSC M USA)
	CATV	**S1-S20 (OSCAR)**
		1-125 (USA CATV)
		C13-C49 (JAPAN)
		S21-S41 (HYPER)
		Z1-Z37 (CHINA)
		5A, 9A (AUST.)

Aerial - Rear	**UHF/VHF**
Operating Conditions	**Temperature : 5 °C - 40 °C**
	Humidity : 5 % - 90 % RH (non-condensing)
Connection Terminals	
AV1/2-Rear	**VIDEO (RCA Pin Type) 1.0 Vp-p (75 Ω)**
	S VIDEO (MINI DIN 4-Pin) Y: 1.0Vp-p (75 Ω) C: 0.286Vp-p (75 Ω)
	AUDIO L-R (RCA Pin Type × 2) 0.5 Vrms
AV3-Front	
	VIDEO (RCA PIN Type) 1.0 Vp-p (75 Ω)
	S-VIDEO (Mini DIN 4-pin) Y: 1.0 Vp-p (75 Ω) C: 0.286 Vp-p (75 Ω)
	AUDIO L-R (RCA PIN Type × 2) 0.5 Vrms
AV4-Rear	**VIDEO (RCA PIN Type) 1.0 Vp-p (75 Ω)**
	AUDIO L-R (RCA PIN Type × 2) 0.5 Vrms
	Y 1.0 Vp-p (including synchronization)
	PB/CB, PR/CR ±0.35 Vp-p
HDMI	**TYPE A Connecter**
PC	**HIGH-DENSITY D_SUB 15PIN**
AUDIO L - R	**RCA PIN Type × 2**

Card slot	**SD CARD slot × 1, PC CARD slot × 1**
MONITOR OUT	**VIDEO (RCA PIN Type) 1.0 Vp-p (75 Ω)**
	AUDIO L-R (RCA PIN Type × 2) 0.5 Vrms
Dimensions (W × H × D)	
Including TV Stand	**724 mm × 549 mm × 300 mm (TX-26LX500)**
	857 mm × 624 mm × 300 mm (TX-32LX500)
TV Set Only	**724 mm × 487 mm × 141 mm (TX-26LX500)**
	857 mm × 563 mm × 141 mm (TX-32LX500)
Weight	**20.5 kg Net (TX-26LX500)**
	22.5 kg Net (TX-32LX500)

Note:

Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic®

1. Safety Precautions

1.1. General Guidelines

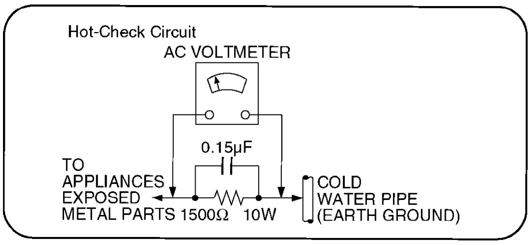
1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis,

the reading should be between 1M Ω and 5.2M Ω .
When the exposed metal does not have a return path to the chassis, the reading must be ∞.

Figure 1



1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5k Ω , 10 watts resistor, in parallel with a 0.15 μ F capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

2. Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.

2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.

3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.

4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.

5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.

6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).

7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety. These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

3. Applicable signals

Applicable input signal for Component (Y, PB, PR), HDMI and PC (D-sub 15P) (∗ Mark)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	Component	HDMI	PC
480i (60Hz)	15.73	59.94	∗	∗	
480p (60Hz)	31.47	59.94	∗	∗	
576i (50Hz)	15.63	50.00	∗	∗	
576p (50Hz)	31.25	50.00	∗	∗	
720p (60Hz)	45.00	60.00	∗	∗	
720p (50Hz)	37.50	50.00	∗	∗	
1,080i (60Hz)	33.75	60.00	∗	∗	
1,080i (50Hz)	28.13	50.00	∗	∗	
1,080i (50Hz)*	31.25	50.00	∗		
640 x 400 @70 Hz	31.46	70.07			∗
640 x 480 @60 Hz	31.47	59.94			∗
640 x 480 @75 Hz	37.50	75.00			∗
852 x 480 @60 Hz	31.47	59.94			∗
800 x 600 @60 Hz	37.88	60.32			∗
800 x 600 @75 Hz	46.88	75.00			∗
800 x 600 @85 Hz	53.67	85.06			∗
1,024 x 768 @60 Hz	48.36	60.00			∗
1,024 x 768 @70 Hz	56.48	70.07			∗
1,024 x 768 @75 Hz	60.02	75.03			∗
1,024 x 768 @85 Hz	68.68	85.00			∗
1,280 x 1,024 @60 Hz	63.98	60.02			∗
1,366 x 768 @60 Hz	48.36	60.00			
Macintosh13” (640 x 480)	35.00	66.67			∗
Macintosh16” (832 x 624)	49.72	74.54			∗
Macintosh21” (1,152 x 870)	68.68	75.06			∗

Note:

- **Signals other than above may not be displayed properly.**
- **Applicable input signal for PC is basically compatible to VESA standard timing.**
- **PC signal is magnified or compressed for display, so that it may not be possible to show fine detail with sufficient clarity.**
- ***: Based on SMPTE295M standard.**

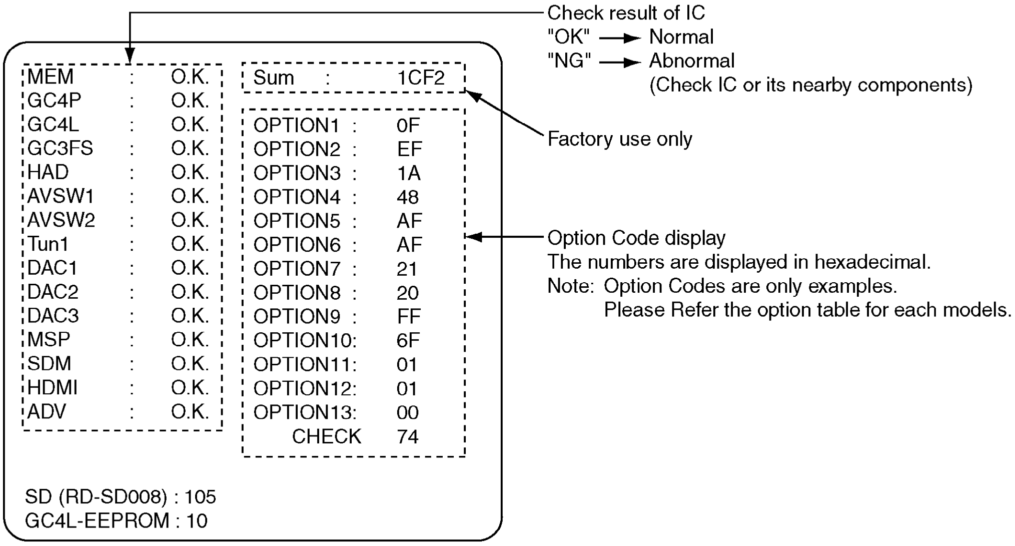
4. Self Check Function

4.1. Self Check

1. **Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.**
2. **To get into the Self -Check mode press the Down (–/∨) button on the customer controls at the front of the set, at the same time pressing the MENU button on the remote control, and the screen**

will show :

3. Turn off the TV to reset JPEG Viewer mode after SELF-CHECK.



```
MEM     :    O.K.      Sum    :      1CF2
GC4P    :    O.K.
GC4L    :    O.K.      OPTION1  :    0F
GC3FS   :    O.K.      OPTION2  :    EF
HAD     :    O.K.      OPTION3  :    1A
AVSW1   :    O.K.      OPTION4  :    48
AVSW2   :    O.K.      OPTION5  :    AF
Tun1    :    O.K.      OPTION6  :    AF
DAC1    :    O.K.      OPTION7  :    21
DAC2    :    O.K.      OPTION8  :    20
DAC3    :    O.K.      OPTION9  :    FF
MSP     :    O.K.      OPTION10:     6F
SDM     :    O.K.      OPTION11:     01
HDMI    :    O.K.      OPTION12:     01
ADV     :    O.K.      OPTION13:     00
                           CHECK     74

SD (RD-SD008) : 105
GC4L-EEPROM : 10
```

Check result of IC
"OK" → Normal
"NG" → Abnormal
(Check IC or its nearby components)

Factory use only

Option Code display
The numbers are displayed in hexadecimal.
Note: Option Codes are only examples.
Please Refer the option table for each models.

If the CCU ports have been checked and found to be incorrect or not located then "--" will appear in place of "O.K.".

Display	Ref. No.	Description	P.C.B.
MEM	IC1107	Memory	DG-Board
GC4P	IC4054	Global Core Processor	DG-Board
GC4L	IC4057	Global Core	DG-Board
GC3FS	IC4013	Global Core for Sub	DG-Board
HAD	IC4012	OSD RGB A/D Converter	DG-Board
AVSW1	IC3005	AV Switch VIDEO	H-Board
AVSW2	IC2105	AV Switch AUDIO	H-Board
Tun1	TU3201	Tuner	H-Board
DAC1	IC1106	DAC control 1	DG-Board
DAC2	IC1116	DAC control 2	DG-Board
DAC3	IC3006	DAC control 3	H-Board
MSP	IC2106	Stereo Decoder	H-Board
SDM	SD-Module	MPEG4/PHOTO view, SD recording	SD-Module
HDMI	IC5003	HDMI I/F Receiver	DV-Board
ADV	IC4005	A/D Converter	DG-Board

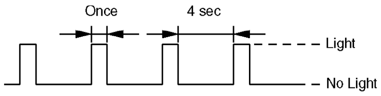
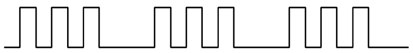
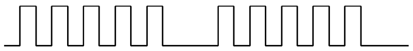
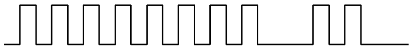
4.2. Power LED Blinking timing chart

1. Subject

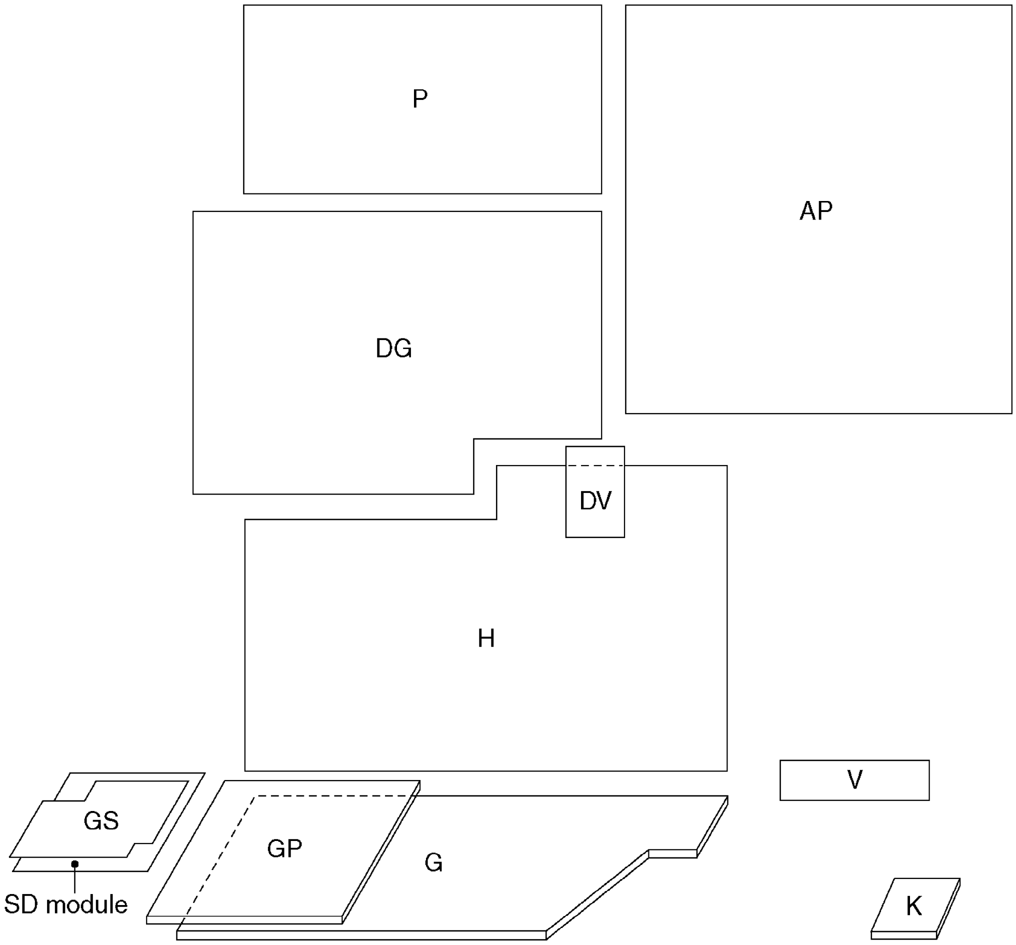
Information of LED Flashing timing chart.

2. Contents

When an abonormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinking of the Power LED on the front panel of the unit.

Blinking times	Blinking timing	Contents	Check point
1	 Once 4 sec Light No Light	Inverter SOS	POWER UNIT LCD PANEL
3		SOS1 (BT30V/PC5V) SOS2 (MSP8V/MSP5V/ SUB9V/SUB5V)	AP-BOARD H-BOARD
5		Main 9V	AP-BOARD
8		Sub 5V	AP-BOARD

5. Chassis Board Layout


P
AP
DG
DV
H
V
GS
GP
G
SD module
K

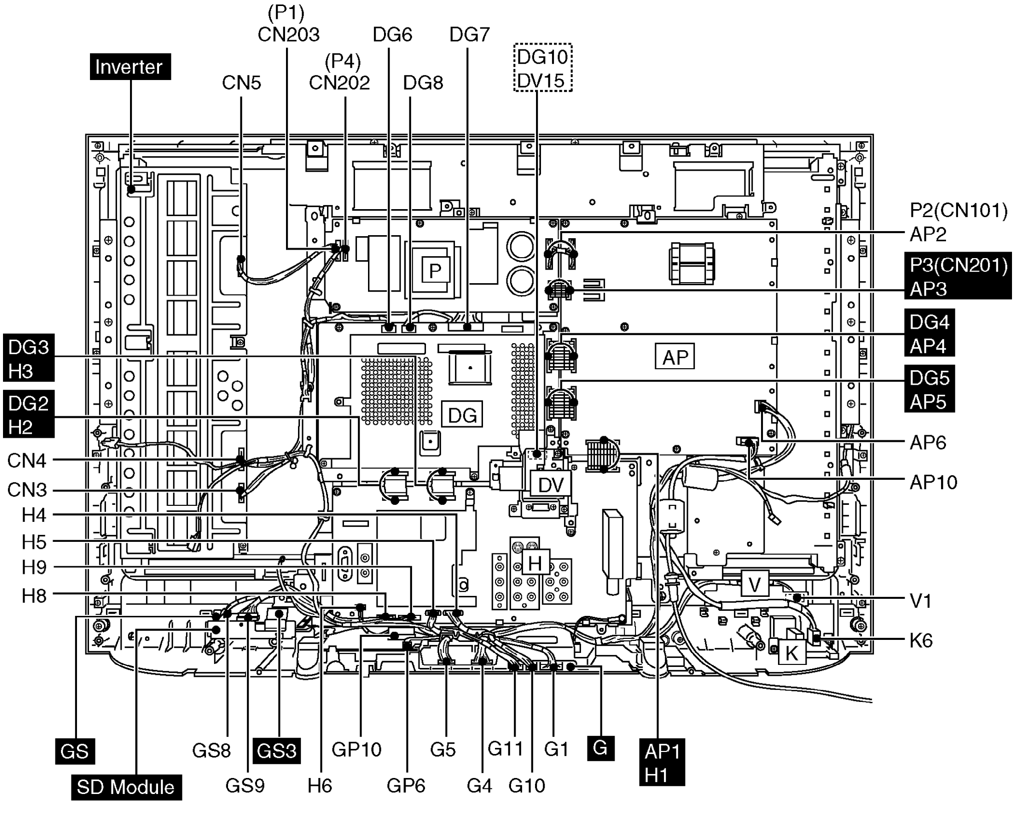
Board Name	Function
AP-Board	Regulator
DG-Board	Global Core, A/D Converter, MCU
H-Board	AV connector, TV Tuner, AV Switch
K-Board	Power Switch
G-Board	Front AV & HP connector, Key Switch
Power Unit	DC Power Supply None service able. Power Unit should be exchange for service.
V-Board	Remote Receiver, LED
DV-Board	HDMI interface
GP-Board	PC Card slot, PC Card interface
GS-Board	SD Card slot, SD Card Interface
SD Module	MPEG/JPEG interface None service able. SD Module should be exchange for service.

6. Before servicing

6.1. Kind and location of the flexible cable and bridge cable

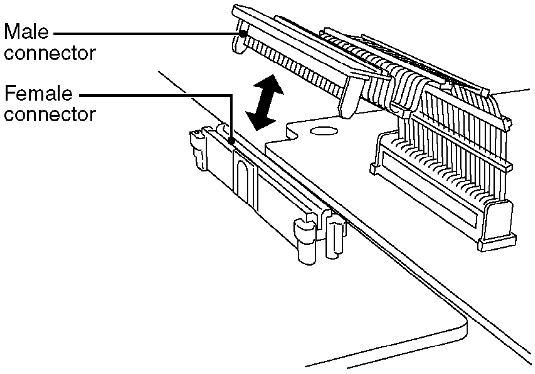
Ref No.	Connecter type	Pins	Location	Opposite Ref No.
G1	-	10pin	G-Board	V1
G4	-	30pin	G-Board	H4
G5	-	20pin	G-Board	H5
G10	-	4pin	G-Board	speaker box L
G11	-	5pin	G-Board	speaker box R
GP6	-	3pin	GP-Board	H6
GP10	Flexible type	50pin	GP-Board	SD Module
GS3	Flexible type	40pin	GS-Board	SD Module
GS8	-	7pin	GS-Board	H8
GS9	-	15pin	GS-Board	H9
AP1	Bridge Type	23pin	AP-Board	H1
AP2	-	7pin	AP-Board	P2 (CN101)
AP3	Bridge Type	11pin	AP-Board	P3 (CN201)
AP4	Bridge Type	22pin	AP-Board	DG4
AP5	Bridge Type	22pin	AP-Board	DG5
AP6	-	3pin	AP-Board	K6
AP10	-	2pin	AP-Board	AC cord
DG2	Flexible type	40pin	DG-Board	H2
DG3	Flexible type	40pin	DG-Board	H3
DG4	Bridge type	23pin	DG-Board	AP4
DG5	Bridge type	23pin	DG-Board	AP5

Ref No.	Connecter type	Pins	Location	Opposite Ref No.
DG6	-	8pin	DG-Board	CN3 (Inverter)
DG7	-	32pin	DG-Board	LCD Panel
DG8	-	7pin	DG-Board	LCD Panel
DG10	-	60pin	DG-Board	DV15
DV15	-	60pin	DV-Board	DG10
H1	Bridge type	23pin	H-Board	AP1
H2	Flexible type	40pin	H-Board	DG2
H3	Flexible type	40pin	H-Board	DG3
H4	-	30pin	H-Board	G4
H5	-	20pin	H-Board	G5
H6	-	3pin	H-Board	GP6
H8	-	7pin	H-Board	GS8
H9	-	15pin	H-Board	GS9
K6	-	3pin	K-Board	AP6
P1 (CN203)	-	8pin	P-Board	CN5 (Inverter)
P2 (CN101)	-	7pin	P-Board	AP2
P3 (CN201)	Bridge Type	11pin	P-Board	AP3
P4 (CN202)	-	8pin	P-Board	CN4 (Inverter)
V1	-	10pin	V-Board	G1

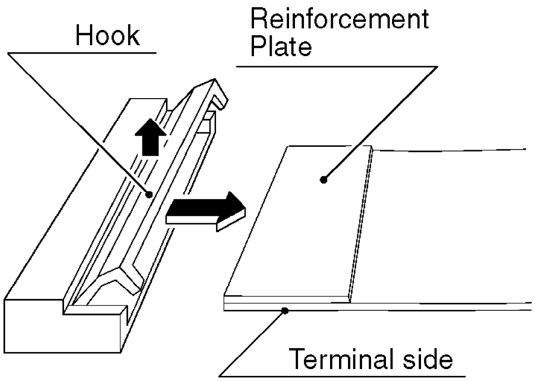

(P1)
CN203
DG6
DG7
(P4)
CN202
DG10
DV15
Inverter
CN5
DG8
P2(CN101)
AP2
P
P3(CN201)
AP3
DG4
AP4
DG3
H3
AP
DG5
AP5
DG2
H2
DG
AP6
CN4
DV
AP10
CN3
H4
H5
H9
H
V
H8
V1
K
K6
GS
GS8
GS3
GP10
G5
G11
G1
G
AP1
H1
SD Module
GS9
H6
GP6
G4
G10

6.2. How to remove the connector

Bridge cable connector

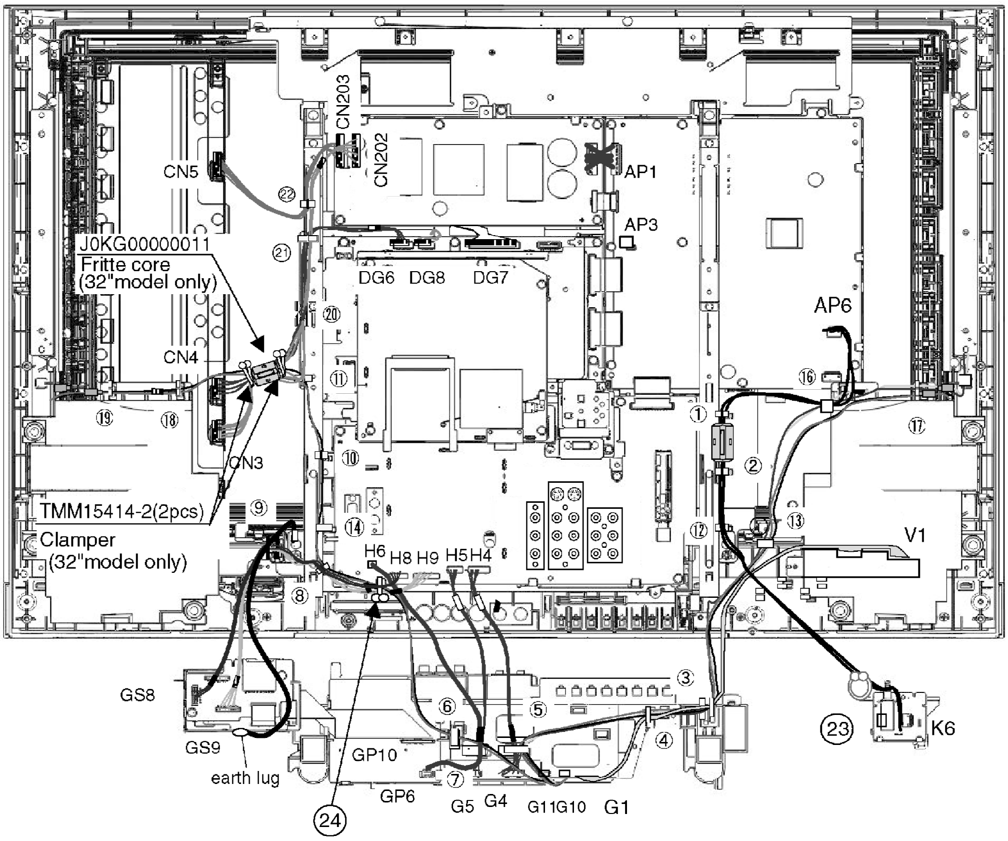

Male
connector
Female
connector

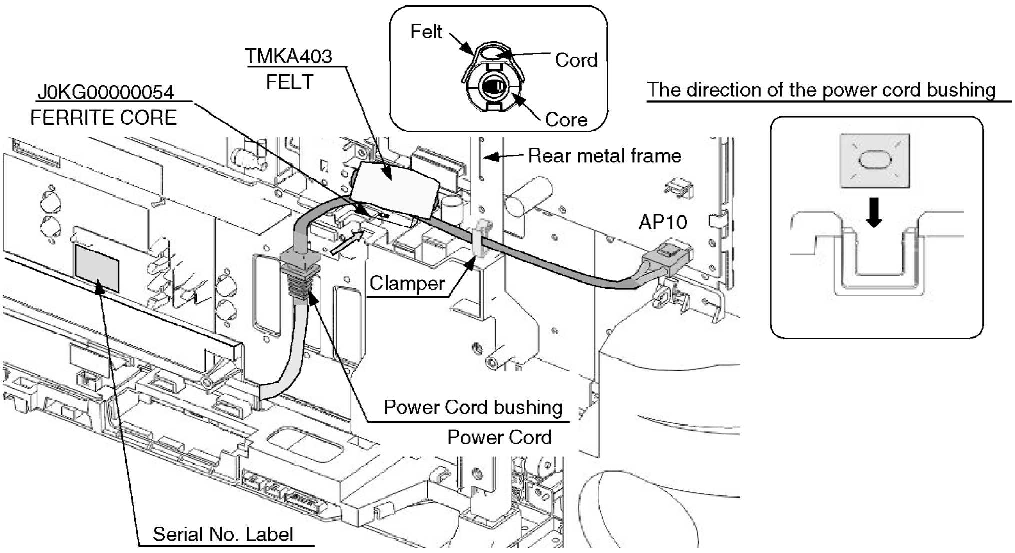
Flexible cable connector


Hook
Reinforcement Plate
Terminal side

6.3. Wire dressing 1

1. Make the wire dressing as illustrated below.


CN203
CN202
CN5
AP1
㉒
AP3
J0KG00000011
Fritte core
(32"model only)
㉑
DG6
DG8
DG7
⑳
AP6
CN4
⑪
⑯
①
⑲
⑱
⑰
②
CN3
⑩
⑬
TMM15414-2(2pcs)
⑨
⑭
⑫
V1
Clamper
(32"model only)
H6
H8
H9
H5
H4
⑧
③
GS8
⑥
⑤
④
㉓
K6
GS9
GP10
earth lug
⑦
GP6
㉔
G5
G4
G11G10
G1


J0KG00000054
FERRITE CORE
TMKA403
FELT
Felt
Cord
Core
The direction of the power cord bushing
Rear metal frame
AP10
Clamper
Power Cord bushing
Power Cord
Serial No. Label

6.4. Wire dressing 2

<Clamping>

Clamper / Wire	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒	㉓	㉔
G1～V1			●	●	●																			
AP6～K6	●	●										●				●							●	
CN5～CN203																						●		
CN4～CN202											◎									●	●	●		
CN3～DG6											●										●			
G11～SP/W(R)						●		●		●	●			●				●	●					●
G10～SP/W(L)			●	●	●								●			●	●							
GS9～H9								●	●							↑	W-SP							●
GS8～H8								●	●								CANDY-SP							●
G4～H4					●																			
G5～H5							●																	
GP6～H6							●																	

Notes :

1. Connect every connector surely.

2. Manage wires not to touch any sharp edge of the metal parts.

3. Manage wires not to have too much tension.

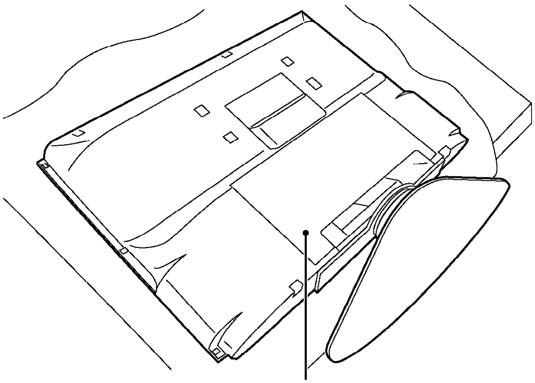
4. ◎ For 32 inch model only.

7. Servicing method

7.1. Removing the stand ass'y

1. Lay down the main unit so that the rear cover faces upward.

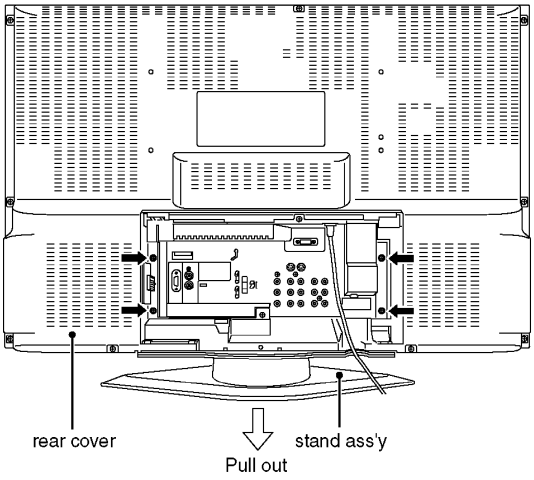
2. Remove the cable cover.



cable cover

3. Remove the fixing screws (4pcs).

4. Remove the stand ass'y.



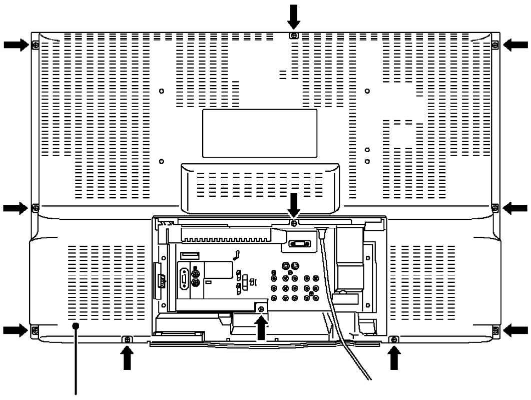
rear cover
Pull out
stand ass'y

7.2. Removing the rear cover

1. Remove the stand ass'y. (See 7.1.)

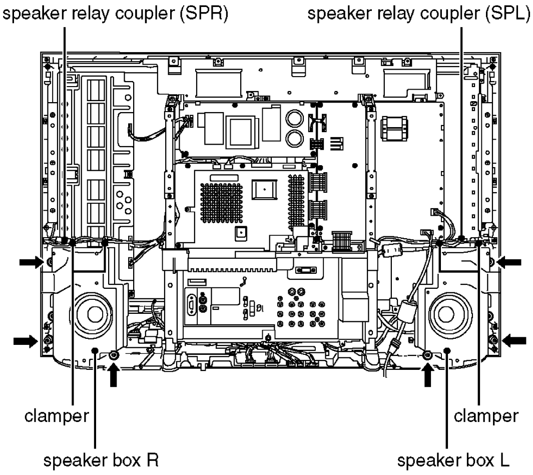
2. Remove the fixing screws (11pcs).

3. Remove the rear cover.



7.3. Removing the speaker box L and R

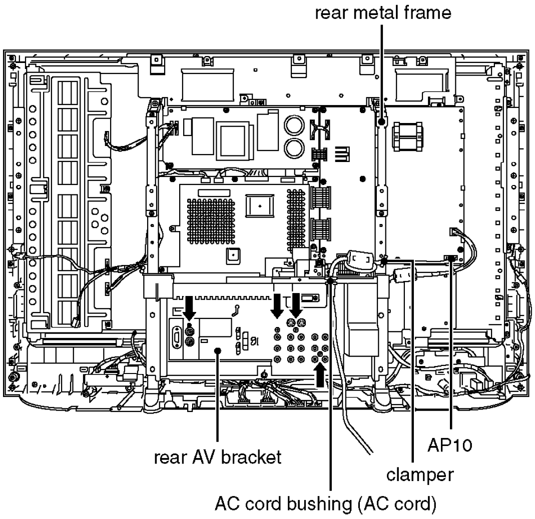
1. Remove the rear cover. (See 7.2.)
2. Release the speaker cables from the clampers on the speaker box L and R, and disconnect the speaker relay couplers (SPL and SPR).
3. Remove the fixing screws (6pcs).
4. Remove the speaker box L and R.


speaker relay coupler (SPR)
speaker relay coupler (SPL)
clamper
clamper
speaker box R
speaker box L

7.4. Removing the rear AV bracket

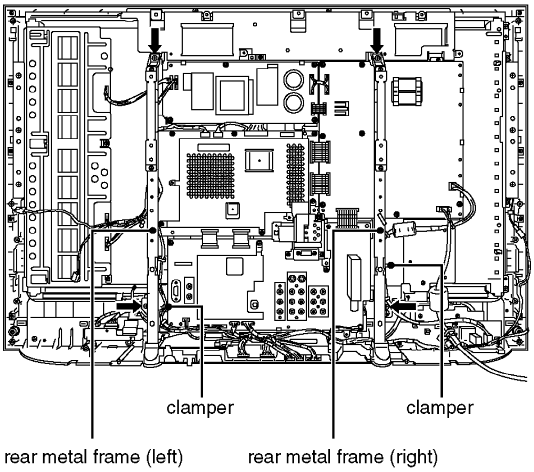
1. Remove the rear cover (See 7.2.) and the speaker box L and R. (See 7.3.)
2. Release the bushing of AC cord from the rear AV bracket and the clamper on the rear metal frame, disconnect the coupler (AP10) and remove the AC cord.
3. Remove the fixing screws (4pcs).

4. Remove the rear AV bracket.


rear metal frame
rear AV bracket
AP10
clamper
AC cord bushing (AC cord)

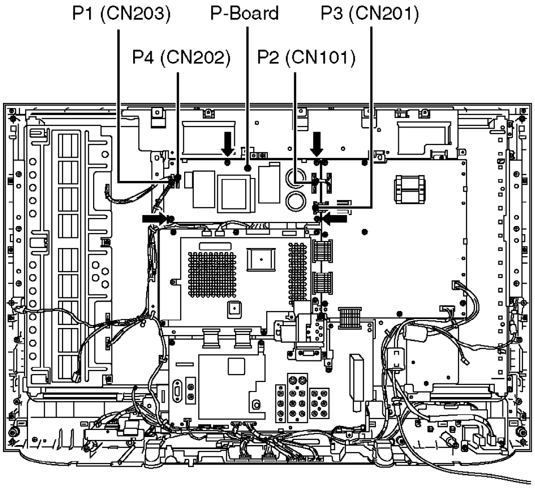
7.5. Removing the rear metal frame

1. Remove the rear AV bracket. (See 7.4.)
2. Release the cables from the clampers on the rear metal frames.
3. Remove the fixing screws (4pcs).
4. Remove the rear metal frames (right and left).


clamper
clamper
rear metal frame (left)
rear metal frame (right)

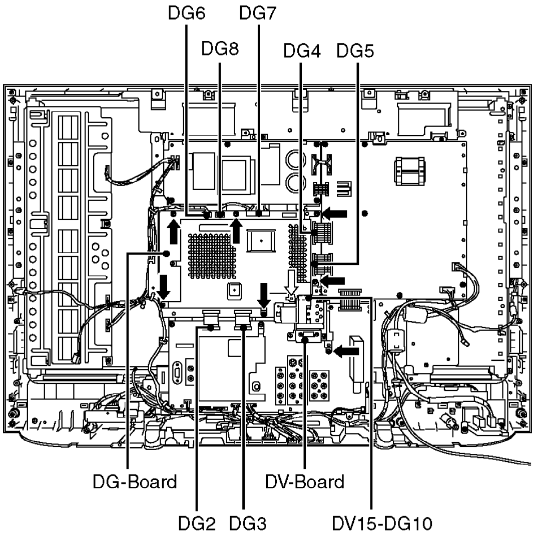
7.6. Removing the P-Board

1. Remove the rear cover. (See 7.2.)
2. Disconnect the couplers P2 (CN101), P3 (CN201) P4 (CN202), and P1 (CN203).
3. Remove the fixing screw (4pcs).
4. Remove the P-Board.


P1 (CN203)
P-Board
P3 (CN201)
P4 (CN202)
P2 (CN101)

7.7. Removing the DG-Board

1. **Remove the rear AV bracket (See 7.4.) and the rear metal frame. (See 7.5.)**
2. **Disconnect the couplers (DG6, DG8 and DG7), the flexible cables (DG2 and DG3) and the bridge cables (DG4 and DG5).**
3. **Remove the fixing screws (7pcs).**
4. **Remove the DG-Board with DV-Board.**

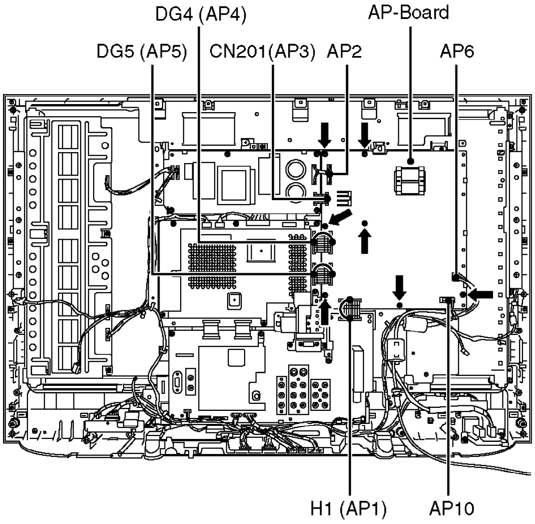

DG6
DG7
DG8
DG4
DG5
DG-Board
DV-Board
DG2
DG3
DV15-DG10

7.8. Removing the DV-Board

1. **Remove the DG-Board with DV-Board. (See 7.7.)
(See above figure in item 7.7.)**
2. **Remove a fixing screw (⇨) (reverse side).**
3. **Disconnect the coupler (DV15-DG10) and remove the DV-Board.**

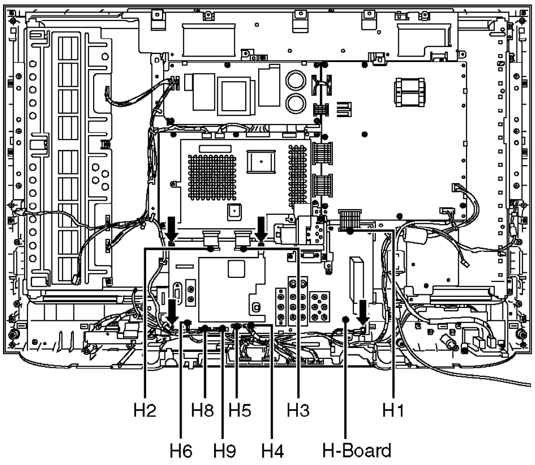
7.9. Removing the AP-Board

1. Remove the rear AV bracket ass'y (See 7.4.) and the rear metal frame. (See 7.5.)
2. Disconnect the couplers (AP2, AP6 and AP10 (AC Cord)) and the bridge cables (H1 (AP1) on the H-Board, P3/CN201 (AP3) on the P-Board and DG4 (AP4) and DG5 (AP5) on the DG-Board.
3. Remove the fixing screws (7pcs).
4. Remove the AP-Board.



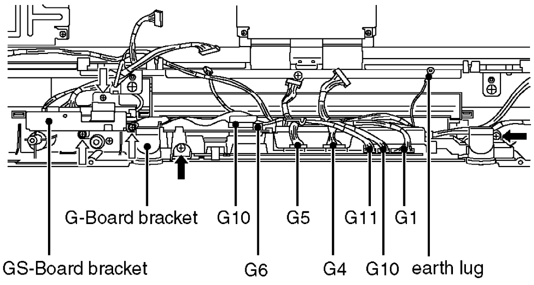
7.10. Removing the H-Board

1. Remove the rear AV bracket (See 7.4.) (and the rear metal frame). (See 7.5.)
2. Disconnect the flexible cables (H2 and H3), the bridge cable (H1) and the couplers (H4, H5, H6, H8 and H9).
3. Remove the fixing screws (4pcs).
4. Remove the H-Board.


H2
H8
H5
H3
H1
H6
H9
H4
H-Board

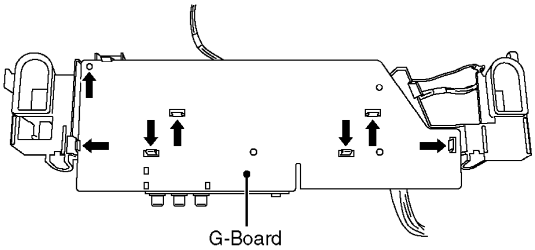
7.11. Removing G-Board bracket (G-Board and GP-Board)

1. Remove the rear AV bracket (See 7.4.) and the rear metal frames. (See 7.5.)
2. Remove the fixing screws (2pcs➡) and pull out the rear AV bracket slightly.
3. Disconnect the flexible cable (GP10) and the couplers (G1, G4, G5, G10, G11 and GP6).
4. Remove a screw on the DG-Board and release the earth lug from the DG-Board.
5. Release the cables from the cable holders of the G-Board bracket.
6. Remove the G-Board bracket with the G-Board and GP-Board.


G-Board bracket
G10
G5
G11
G1
GS-Board bracket
G6
G4
G10
earth lug

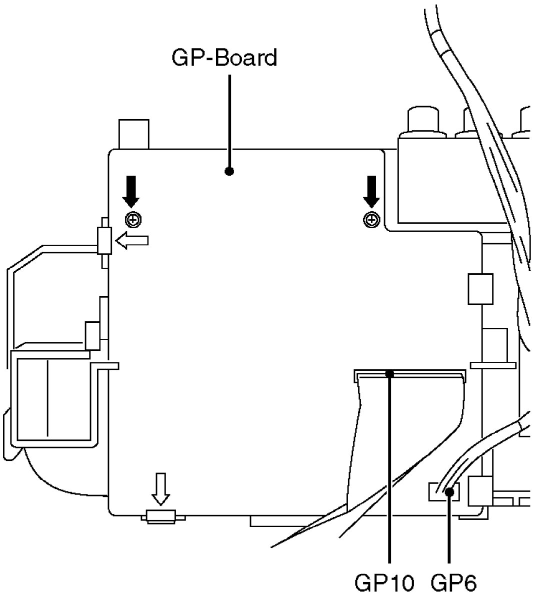
7.12. Removing the G-Board and GP-Board

1. Remove the G-Board bracket. (See 7.11.)
   <Removing the G-Board>
2. Push the hooks (7 points) to release the G-Board from the G-Board bracket.
3. Remove the G-Board.



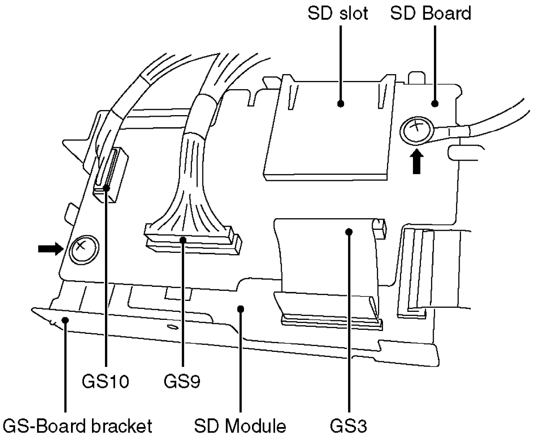
<Removing the GP-Board>

4. Remove the screws (2pcs➡) and push the hooks (2 points⇨).
5. Remove the GP-Board.



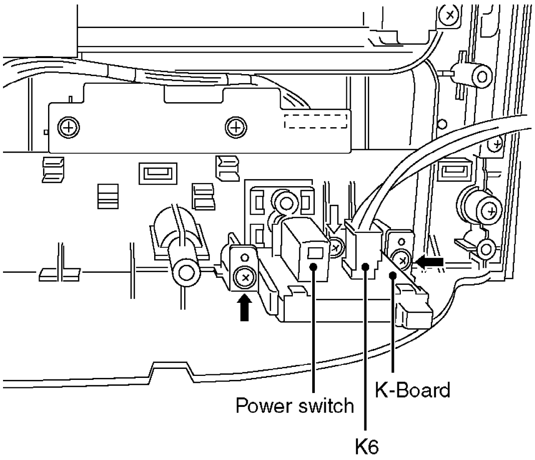
7.13. Removing the GS-Board bracket.

1. Remove the screws (3pcs⇨) (See figure in item 7.11.)
2. Remove the GS-Board bracket.
3. Remove the couplers (GS9 and GS10) and a flexible cable (GS3).
4. Remove the screws (2pcs➡).
5. Remove the GS-Board


SD slot
SD Board
GS10
GS9
GS-Board bracket
SD Module
GS3

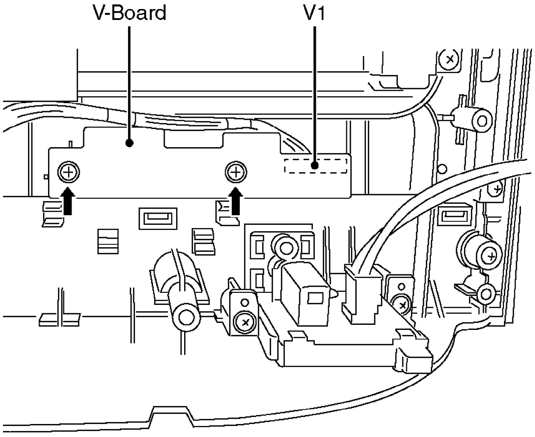
7.14. Removing the K-Board

1. Remove the rear cover (See 7.2.) and the speaker box L. (See 7.3.)
2. Remove a coupler (K6).
3. Remove the screws (2pcs➡).
4. Remove the K-Board bracket with the K-Board.
5. Remove a screw (⇨) and remove the K-Board.


Power switch
K-Board
K6

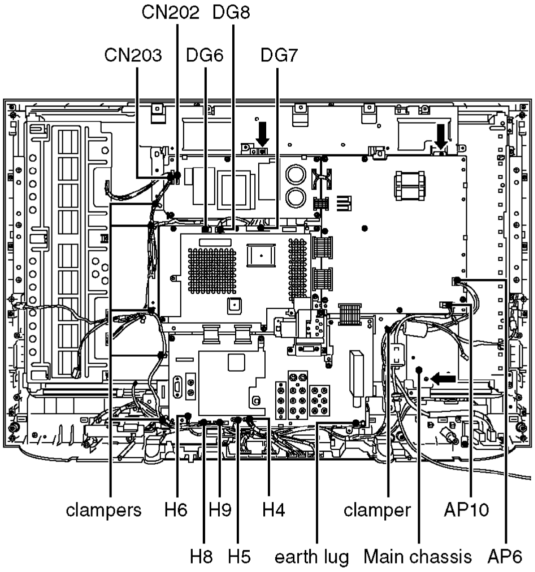
7.15. Removing the V-Board

1. Remove the rear cover (See 7.2.) and the speaker box R. (See 7.3.)
2. Remove the screws (2pcs).
3. Remove the V-Board.
4. Disconnect the coupler (V1).



7.16. Removing the main chassis

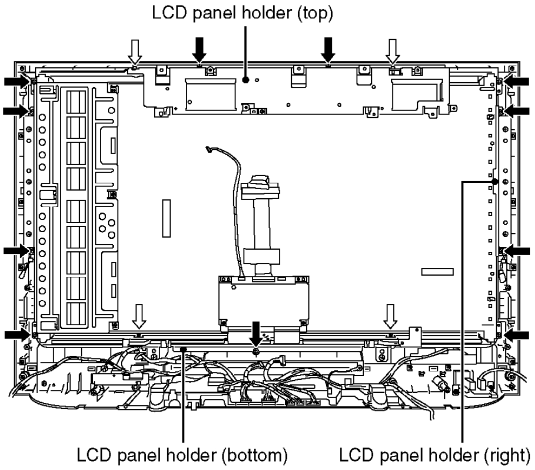
1. Remove the rear AV bracket (See 7.4.) and the rear metal frame. (See 7.5.)
2. Disconnect the couplers (CN202, CN203, DG6, DG7, DG8, H4, H5, H6, H8, H9, AP6, AP10) and the earth lug (on the H-Board) from G-Board.
3. Release the cables from the clampers on the main chassis.
4. Remove the fixing screws (3pcs).
5. Remove the main chassis with the P-Board, the AP-Board, the DG-Board (with DV-Board) and the H-Board.


CN202
DG8
CN203
DG6
DG7
clampers
H6
H9
H4
clamper
AP10
H8
H5
earth lug
Main chassis
AP6

7.17. Removing the LCD panel

1. Remove the main chassis. (See 7.16.)

2. Remove the fixing screws (11pcs➡).
3. Remove the LCD panel and LCD panel holders (right and left).
4. Remove the screw (4pcs⇨).
5. Remove the LCD panel holders (top and bottom).



8. Service Mode Function

MPU controls the functions switching for each IICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Service Mode.

8.1. How to enter SERVICE 1

1. In main menu, move to choose sound menu, set BASS to MAXIMUM, and set TREBLE to MINIMUM.
2. Simultaneously press INDEX button on remote control and DOWN button [-/∨] on the TV set.

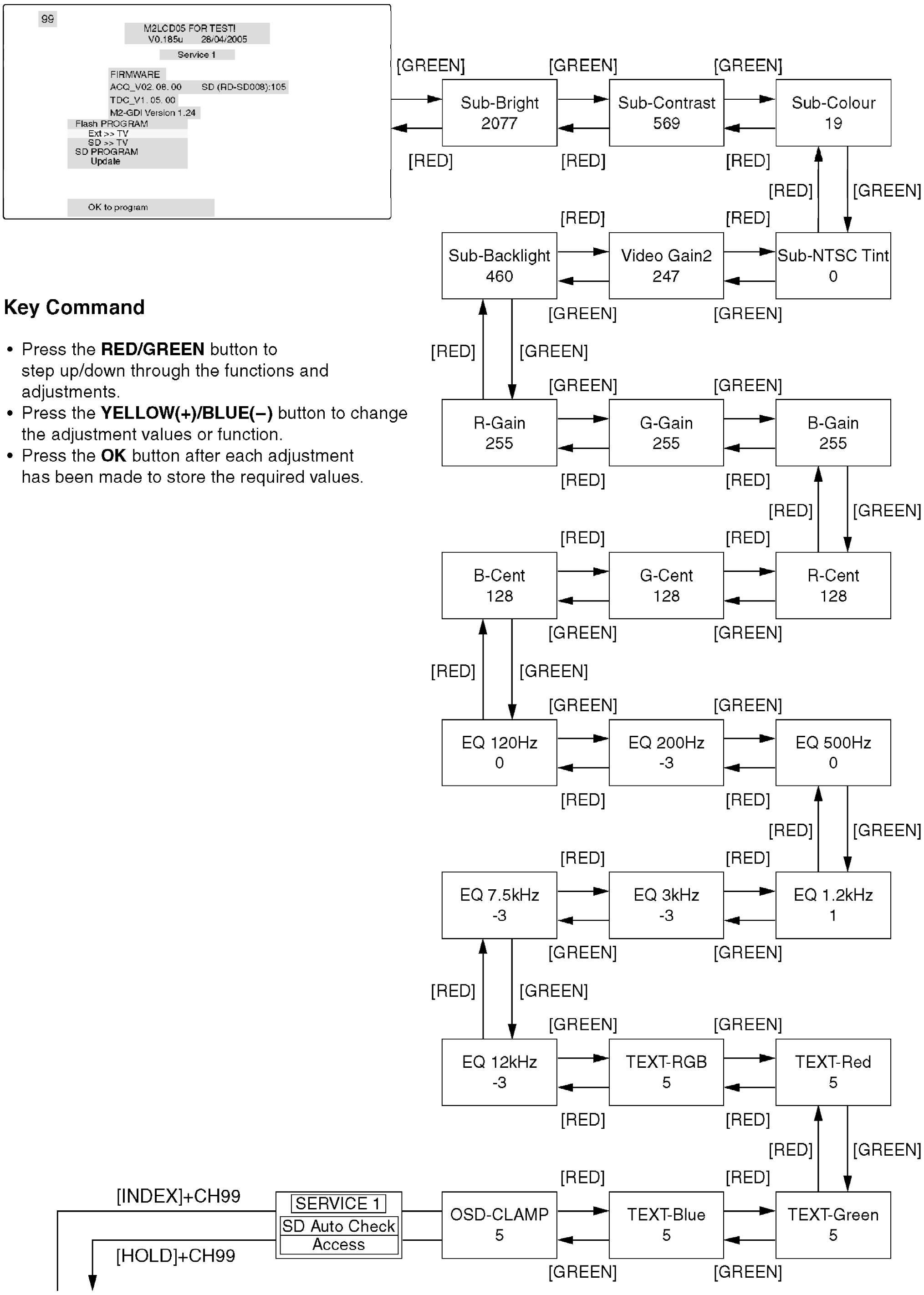
8.2. How to enter SERVICE 2

1. Enter the SERVICE 1 mode and press RED button into the end of SERVICE 1 mode.
2. Select the SD Auto Check.
3. Set the channel to CH99.
4. Press HOLD button on remote control.

Note:

To exit from Service mode, press N or Power button on remote control.

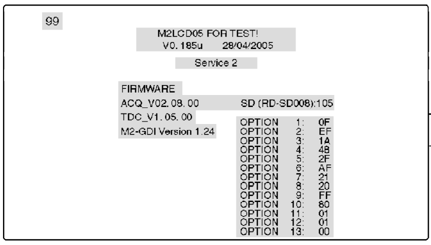
SERVICE 1


99
M2LCD05 FOR TEST!
V0.185u 28/04/2005
Service 1
FIRMWARE
ACQ_V02. 08. 00 SD (RD-SD008):105
TDC_V1. 05. 00
M2-GDI Version 1.24
Flash PROGRAM
Ext >> TV
SD >> TV
SD PROGRAM
Update
OK to program
[GREEN]
[RED]
Sub-Bright 2077
Sub-Contrast 569
Sub-Colour 19
Sub-NTSC Tint 0
Video Gain2 247
Sub-Backlight 460
R-Gain 255
G-Gain 255
B-Gain 255
R-Cent 128
G-Cent 128
B-Cent 128
EQ 120Hz 0
EQ 200Hz -3
EQ 500Hz 0
EQ 1.2kHz 1
EQ 3kHz -3
EQ 7.5kHz -3
EQ 12kHz -3
TEXT-RGB 5
TEXT-Red 5
TEXT-Green 5
TEXT-Blue 5
OSD-CLAMP 5
SERVICE 1
SD Auto Check
Access
[INDEX]+CH99
[HOLD]+CH99

Key Command

- Press the **RED/GREEN** button to step up/down through the functions and adjustments.
- Press the **YELLOW(+)/BLUE(–)** button to change the adjustment values or function.
- Press the **OK** button after each adjustment has been made to store the required values.

SERVICE 2

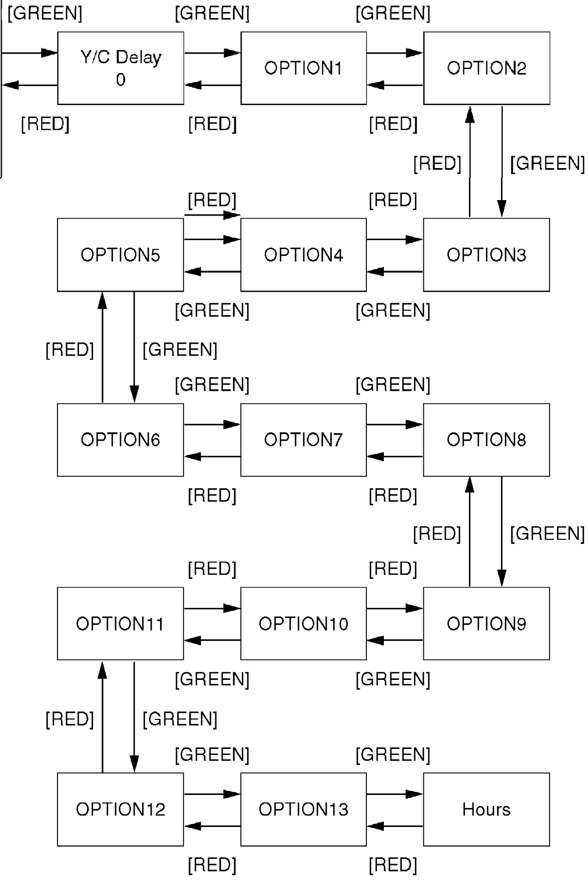


```
99

M2LCD05 FOR TEST!
V0. 185u    28/04/2005

Service 2

FIRMWARE
ACQ_V02. 08. 00          SD (RD-SD008):105
TDC_V1. 05. 00
M2-GDI Version 1.24      OPTION   1:   0F
                         OPTION   2:   EF
                         OPTION   3:   1A
                         OPTION   4:   4B
                         OPTION   5:   2F
                         OPTION   6:   AF
                         OPTION   7:   21
                         OPTION   8:   20
                         OPTION   9:   FF
                         OPTION  10:   80
                         OPTION  11:   01
                         OPTION  12:   01
                         OPTION  13:   00
```


[GREEN]
[RED]
Y/C Delay
0
OPTION1
OPTION2
OPTION3
OPTION4
OPTION5
OPTION6
OPTION7
OPTION8
OPTION9
OPTION10
OPTION11
OPTION12
OPTION13
Hours

Key Command

- Press the **RED/GREEN** button to step up/down through the functions and adjustments.
- Press the **YELLOW/BLUE** button to change the adjustment values or function.
- Press the numerical button 1/2 and +◢−button to change 0/1 of each option item.
- Press the **OK** button after each adjustment has been made to store the required values.

8.3. Option Description

option1			
	b0	Colour system	Auto(1)
	b1		SECAM(1)
	b2		NTSC(1)
	b3		M.NTSC(1)
	b4	A2 select 6.5MHz	5.742MHz(0) 6.742MHz(1)
	b5	SIF	I only(0), BG only(1)
	b6		I/BG/DK/L(2), BG/DK(3)
	b7	free	
option2			
	b0	A2 enable	enable(1)
	b1		not used
	b2		not used
	b3		not used
	b4	NICAM enable	enable(1)
	b5		not used
	b6		not used
	b7		not used
option3			
	b0	SASO enable	SASO enable(1)
	b1	Fine tuning	Enable(1)
	b2	Search speed	Slow(1) Fast(0)
	b3	Tuner	MACO tuner (1), Others (0)
	b4	HYPER	UHF only (0), UHF/VHF (1)
	b5	IF I2C	I2C controlled Tuner IF module (1)
	b6	NICAM C4 bit	enable(1)
	b7	Blue Back	BLUE BACK on/off selection in menu(0)
option4			
	b0	Aspect AUTO	enable(1)
	b1	S1/S2 enable	enable(1)
	b2	ID-1	enable(1)
	b3	User aspect Just	enable(1)
	b4	User aspect 14:9	enable(1)
	b5	ALBD 14:9	14:9 enable, Zoom3 disable at self wide(1)/ Zoom1, Zoom3 enable at self wide (0)
	b6	TEXT	enable(1)
	b7	TEXT TOP	TOP enable (1)
option5			
	b0	CH Blanking	Blanking enable (1)
	b1	AV Blanking	Blanking enable (1)
	b2	Noise mute	Noise mute enable(0)
	b3	sub picture	without sub-picture(0), with sub-picture(1)
	b4	2tuner	2tuner(1),1tuner(0)
	b5	AV Input	3rotation(1) / 2rotation without front RCA (0)
	b6	Panel (LCD)	Samsung Panel(1)/SHARP Panel(0)
	b7	Large size (LCD)	32(1)/26(0) for LCD
option6			
	b0	SD module	with SD module (1)
	b1	SD module Ext.Rec(PAL)	enable(1)
	b2	SD module Ext.Rec(NTSC)	enable(1)
	b3	SD module Ext.Rec(SECAM)	enable(1)
	b4	IDTV	enable(1)
	b5	HDMI	enable(1)
	b6	Ext. HV input	without HV input(0) / with HV input(1)
	b7	PC	enable(1)
option7		**Area option**	
	b0	Asia	Asia(1),europe(0)
	b1	Australia	not used
	b2	Ireland/India	Ireland(1)
	b3	UK/Korea	UK(1)
	b4	Lang1	not used
	b5	Lang2	not used
	b6	Lower POS	not used
	b7	Owner ID	not used

option8		**Euro option**	
	b0	ACI all country	ACI enable(1), only Netherlands(0)
	b1	ACI auto MP	ACI auto multi package enable (1)
	b2	ACI offset	ACI offset for VCR prog. enable(1)
	b3	Power up EC-Mode	Power on EC enable (1)
	b4	AVLink	Q-Link off selectable in menu (1)
	b5	Volume correction	TV Volume coorrection enable (1)
	b6	MPX/NICAM display	Display NICAM (0), Display MPX (1)
	b7	Albd Reset Off	enable(1)
option9		**Asia option1**	
	b0	CH Plan	ASIA / M.E. / HK/UK / CHINA(1)
	b1		NZ/INDNES(1)
	b2		AUSTRALIA(1)
	b3		E.EUROPE(1)
	b4		SPECIAL(1)
	b5		AMERICA(1)
	b6		CATV(1)
	b7		JAPAN(1)
option10		**Asia option2**	
	b0	NICAM priority	ASIA/M.E.(1)
	b1		HK/UK(1)
	b2		CHINA(1)
	b3		NZ/INDN(1)
	b4		AUSTRA(1)
	b5		E.EURO(1)
	b6		SPECIAL(1)
	b7	HDMI AVI Aspect	enable(1)
option11		**Additional**	
	b0	Remocon Type	Delux(1) / Leader(0)
	b1	Environment AI (PDP)	enable, with viewing mode auto (1) / disable, without viewing mode auto(0)
	b2	WSS14:9 off	WSS 14:9 off (1)
	b3	IRD Reset Check	ON(1) / OFF(0)
	b4	IRD Polling Check	ON(1) / OFF(0)
	b5	Contrast AI	enable(1)
	b6	Exdac4 Slave address	not used
	b7	PanelMCUNew	not used
option12			
	b0		
	b1		
	b2		
	b3		
	b4		
	b5		
	b6		
	b7	HDMI EC Mode	enable(1)
option13			
	b0		
	b1		
	b2		
	b3		
	b4		
	b5		
	b6		
	b7		

8.4. Option Code Setting

If the memory IC (IC1107) or DG Board is replaced, option code should be re-memorized.

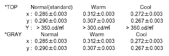
If you use for other model, you should re-memorized the different option code in SERVICE 2 mode.

OPTION	TX-26LX 500M	TX-32LX 500M	TX-26LX 500A	TX-32LX 500A	TX-26LX 500X	TX-32LX 500X
OPTION 1	0F	0F	0F	0F	0F	0F
OPTION 2	EF	EF	EF	EF	EF	EF
OPTION 3	1A	1A	1A	1A	1A	1A
OPTION 4	48	48	C8	C8	C8	C8
OPTION 5	AF	2F	2F	2F	AB	2B
OPTION 6	AF	AF	AF	AF	AF	AF
OPTION 7	21	21	13	13	31	31
OPTION 8	20	20	20	20	20	20
OPTION 9	FF	FF	FF	FF	FF	FF
OPTION 10	6F	6F	6F	6F	6F	6F
OPTION 11	01	01	01	01	01	01
OPTION 12	01	01	01	01	01	01
OPTION 13	00	00	00	00	00	00
SUM	1CF2	1C72	1D64	1CE4	1CFE	1C7E

9. Adjustment method

9.1. Sub-Contrast/White Balance Adjustment

Instrument Name	Connect to	Remarks
1. Remote controller 2. LCD WB meter (Minolta CS-1000A equivalent) 3. Communication jig 4. Computer for external control		Correlation can be also ta CA-210 or equivalent

Procedure	Remarks
-Sub-Contrast adjustment 1. Receive PAL colour bar (100% white) RF signal. 2. Enter “Sub-Contrast” adj. in SERVICE 1 mode. 3. Start adjusting by using Blue key. 4. If the adjustment finished normally, the letter of “Sub-Contrast” will change from red to black. **-**White Balance adjustment 1. Procedure basically perform checking using the production software and make automatic adjustment using external computer. 2. It adjusts in the mode of Colour balance Normal (standard)/ Warm/ Cool as follows. / (Asia 500 series model)  *TOP: Normal(standard) / Warm / Cool x : 0.285±0.003 / 0.312±0.003 / 0.272±0.003 y : 0.290±0.003 / 0.307±0.003 / 0.267±0.003 Y : > 350.cd/m² / > 300.cd/m² / > 350.cd/m² *GRAY: Normal / Warm / Cool x : 0.285±0.003 / 0.312±0.003 / 0.272±0.003 y : 0.290±0.003 / 0.307±0.003 / 0.267±0.003 * The address of EEPROM to write is as follows. Add. C80-C91	Let the panel stand for mc 3 hours at more than 20 °C Basically perform adjustm the ambient environment temperature more than 20 The aging time is more tha min at above room temper **-**Applied signal 100% full colour bar 0.7Vp-p white peak 87.5% modulation
-OSD/TEXT Clamp adjustment 1. Enter “TEXT RGB” adj. mode of SERVICE 1. 2. In condition of default setting, check the noise on the screen of test colour pattern. 3. If there is no noise on the test pattern, the adjustment is completed. 4. If not, change the value by YELLOW (data value -) or BLUE (data value +) key to find the suitable value and store the value by OK bu	

10. Block Diagram

10.1. Main Block Diagram

10.2. Block Diagram (1 of 6)

10.3. Block Diagram (2 of 6)

10.4. Block Diagram (3 of 6)

10.5. Block Diagram (4 of 6)

10.6. Block Diagram (5 of 6)

10.7. Block Diagram (6 of 6)

11. Schematic Diagram

11.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is µF, unless otherwise noted.
3. Coil
   Unit of inductance is µF, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ▽ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source .... AC 110-240V, 50/60Hz
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. Number in red circle indicates waveform nember.
   (See waveform pattern table.)
8. When arrow mark (↗) is found, connection is easily found from the direction of arrow
9. Indicates the major signal flow. : Video ➡ Audio ⇨
10. This schematic diagram is the latest at the time of printing and subject to change without notice.

TX-26/32LX500A/M/X
Schematic Diagram Notes

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

TX-26/32LX500A/M/X
Schematic Diagram Notes

11.2. AP-Board (1 of 2) and K-Board Schematic Diagram

11.3. AP-Board (2 of 2) Schematic Diagram

11.4. H-Board (1 of 3) Schematic Diagram

11.5. H-Board (2 of 3) Schematic Diagram

11.6. H-Board (3 of 3) Schematic Diagram

11.7. DG-Board (1 of 7) Schematic Diagram

11.8. DG-Board (2 of 7) Schematic Diagram

11.9. DG-Board (3 of 7) Schematic Diagram

11.10. DG-Board (4 of 7) Schematic Diagram

11.11. DG-Board (5 of 7) Schematic Diagram

11.12. DG-Board (6 of 7) Schematic Diagram

11.13. DG-Board (7 of 7) Schematic Diagram

11.14. DV-Board Schematic Diagram

11.15. GS-Board Schematic Diagram

11.16. GP-Board Schematic Diagram

11.17. G-Board and V-Board Schematic Diagram

12. Printed Circuit Board

12.1. AP-Board

12.2. H-Board

12.3. DG-Board

12.4. DV and GP-Board

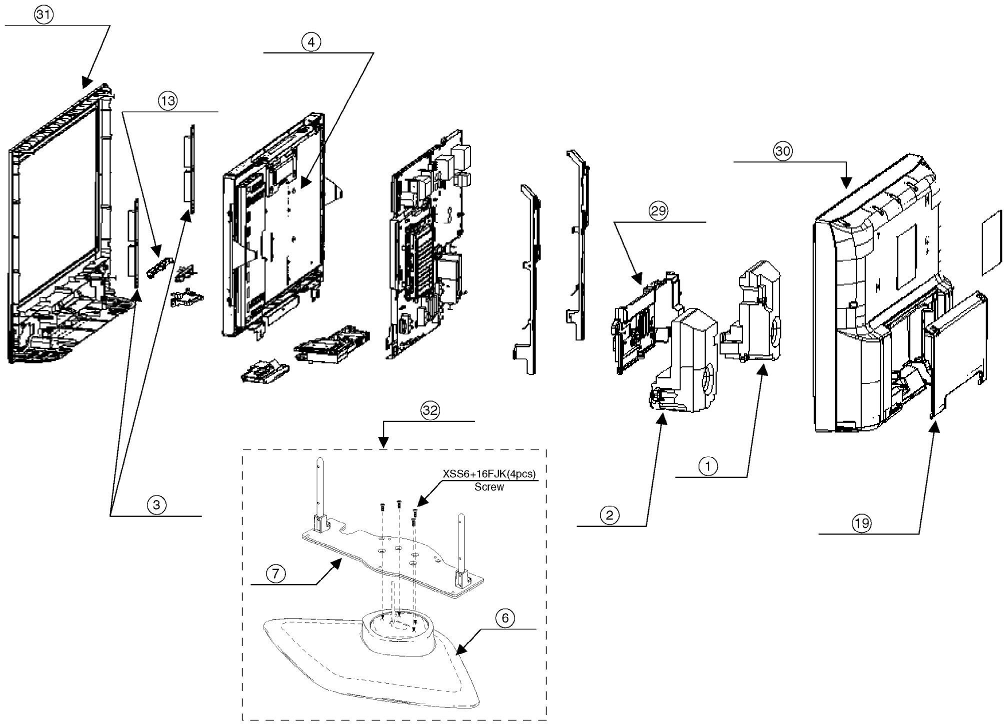
12.5. GS-Board

12.6. G-Board

12.7. K and V-Board

13. Exploded View and Replacement Parts List.

13.1. Set Layout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XSS6+16FJK(4pcs)
Screw
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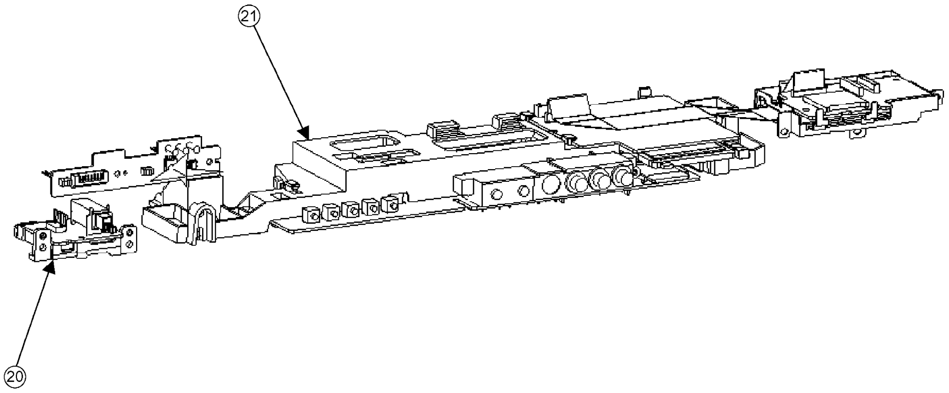
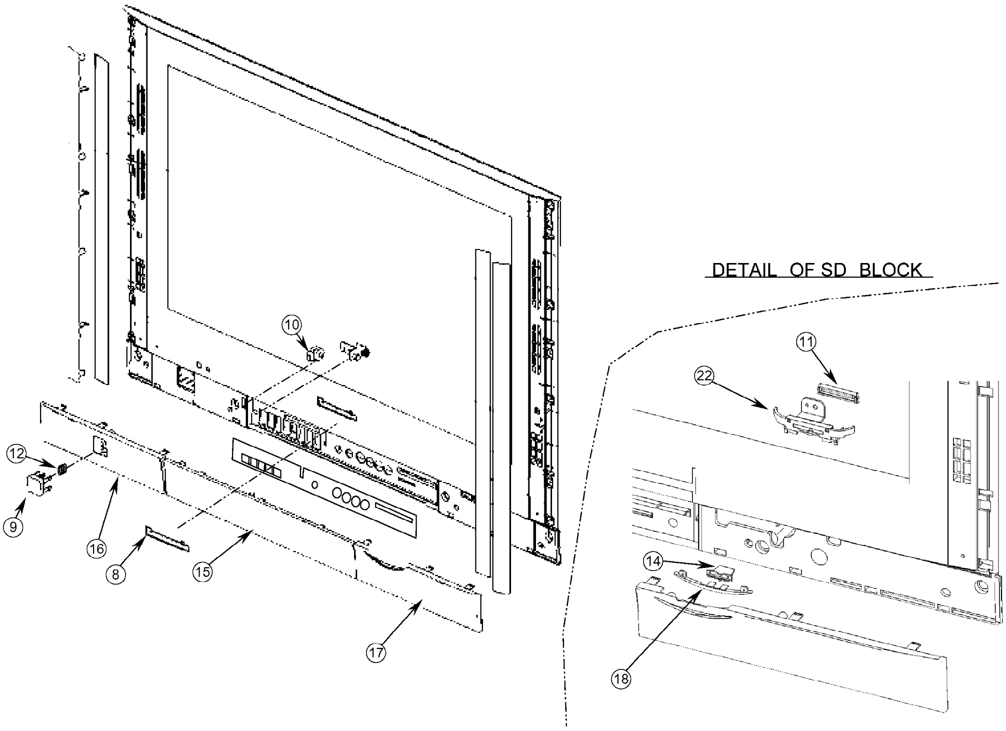
13.2. Front Chassis Layout



13.3. Cabinet Ass’y Layout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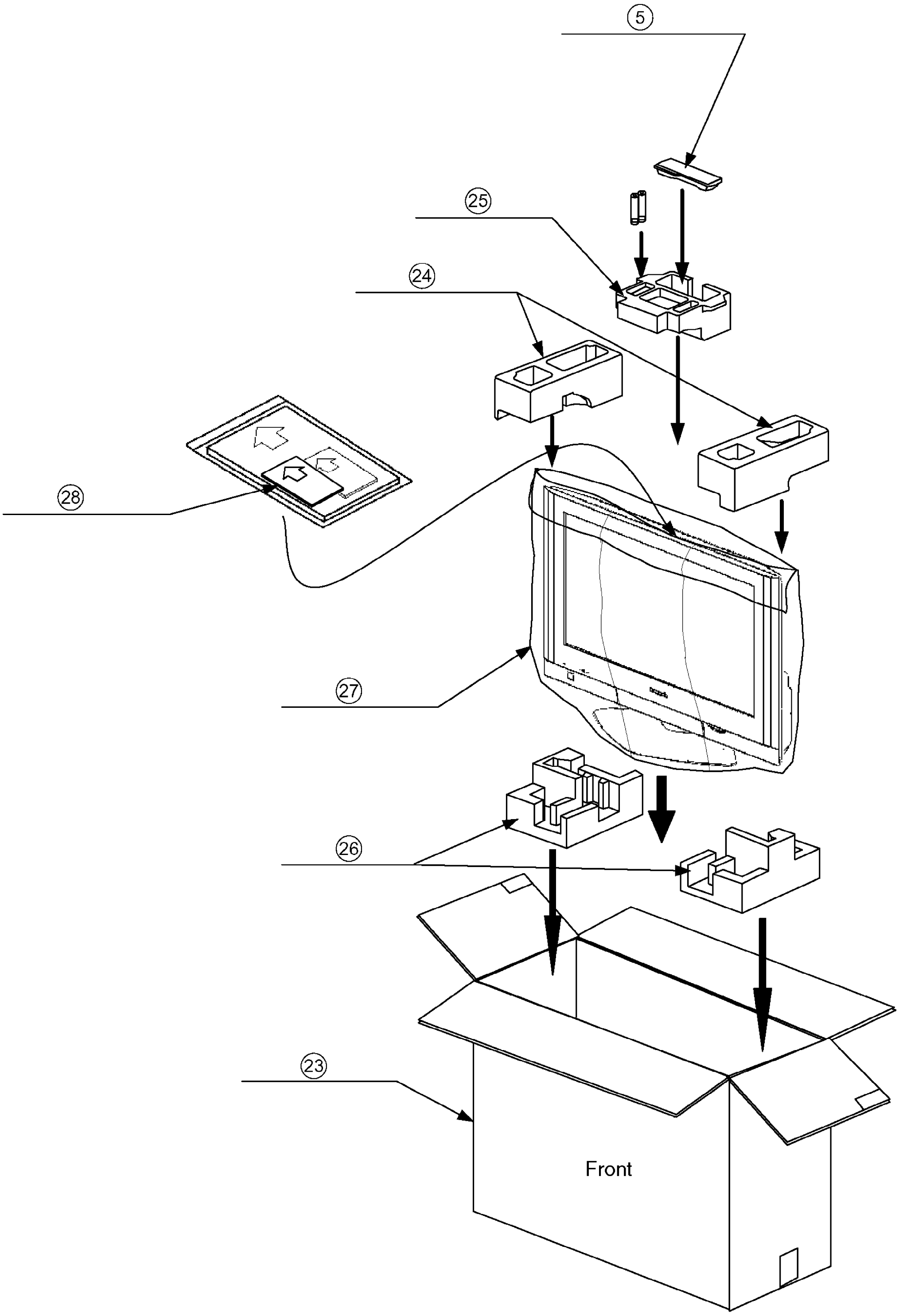
13.4. Packing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Front

13.5. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAB833AL	SPEAKER BOX (LEFT)	1	
2	EAB833AR	SPEAKER BOX (RIGHT)	1	
3	EAK7E14A2	SQUAWKER	SP(L)	2
	J0KF00000018	FILTER	1	
	J0KG00000011	FLAT CORE	1	
	K2CJ2DZ00013	AC CORD	1	TX-32/26LX500A ⚠
	K2CT2DZ00009	AC CORD	1	TX-32/26LX500X ⚠
	K2CT2DZ00009	AC CORD	1	TX-32/26LX500M ⚠
	K2DR53D00001	AC PLUG ADAPTER	1	TX-32/26LX500X
4	L5EDD6Q00006	LCD PANEL	1	26 INCH ⚠
4	L5EDD8Q00010	LCD PANEL	1	32 INCH ⚠
5	N2QAJB000156	REMOTE CONTROL TRANSMITT	1	
6	TBLA0145	STAND ASSY	1	
7	TBLA0146	SUPPORTING FRAME ASSY	1	
	TBLG3071	RUBBER FOOT(FRONT/REAR)	2	
	TBLG3073	RUBBER FOOT(L/R)	2	
8	TBMA163	PANASONIC BADGE	1	
9	TBXA46502	POWER BUTTON(FINISH)	1	
10	TEKC029	DANPER	1	
11	TEKX020	SD DOOR	1	
12	TES4G204	SPRING	1	
	TESD074	COIL SPRING	1	
	THTD010N	SCREW	1	
13	TKKC5211-1	PANEL LIGHT	1	
14	TKKC5214	SD PANEL	1	
	TKKL5290	C0NNECTOR COVER	1	
15	TKPA94502	DOOR	1	
16	TKPA94804	BOTTOM PANEL(L)	1	26 INCH
17	TKPA94904	BOTTOM PANEL(R)	1	26 INCH
16	TKPA94604	BOTTOM PANEL(L)	1	32 INCH
17	TKPA94704	BOTTOM PANEL(R)	1	32 INCH
18	TKRA46401	SD ORNAMENT	1	
19	TKXA18501	CABLE COVER	1	
	TMKG579	SPONGE(WOOFER)	2	
	TMM15414-2	CLAMPER	1	
	TMM15481	CLAMPER	10	
	TMM16473-1	CLAMPER	1	
	TMM76416-1	CLAMPER	3	
	TMME061	CLAMPER	1	
	TMME110	CLAMPER	1	
20	TMW0A106	FRONT BRACKET	1	
21	TMWA044	K PRINT BRACKET	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
22	TMWX032	SD BRACKET	1	
23	TPCB83401	PACKING CASE	1	32 INCH
23	TPCB83501	PACKING CASE	1	26 INCH
24	TPDA1175	CUSHION(TOP)	1	32 INCH
25	TPDA1177	CUSHION(REAR)	1	32 INCH
24	TPDA1178	CUSHION(TOP)	1	26 INCH
26	TPDA1179	CUSHION(BOTTOM)	1	26 INCH
25	TPDA1180	CUSHION(REAR)	1	26 INCH
27	TPEH210	SET COVER	1	
28	TQBC2045	INSTRUCTION BOOK(ENGLISH)	1	TX-32/26LX500M/X
28	TQBC2046	INSTRUCTION BOOK(ARABIC)	1	TX-32/26LX500X
28	TQBC2047	INSTRUCTION BOOK(CHINESE)	1	TX-32/26LX500M
28	TQBC2050	INSTRUCTION BOOK(ENGLISH)	1	TX-32/26LX500A
	TSXL431	CABLE (H2-DG2 H3-DG3)	2	
	TSXL432	CABLE (GP1-SD1)	1	
	TSXL433	CABLE (GS3-SD3)	1	
29	TTPA0420	REAR AV BRACKET ASSY	1	
30	TTUA1161	REAR COVER	1	32 INCH ⚠
30	TTUA1162	REAR COVER	1	26 INCH ⚠
31	TTYA0733	CABINET ASSY	1	32 INCH ⚠
31	TTYA0734	CABINET ASSY	1	26 INCH ⚠
32	TXFBL010Q49	PEDESTAL ASSY	1	
26	TXFPD010LVN	CUSHION(BOTTOM)	1	32 INCH
	TXJ/G10LPM	SPEAKER LEAD G10-SP(LEFT)	1	26 INCH
	TXJ/G11LPM	SPEAKER LEAD G11-SP(RIGHT)	1	26 INCH
	TXJ/G10LLM	SPEAKER LEAD G10-SP(LEFT)	1	32 INCH
	TXJ/G11LLM	SPEAKER LEAD G11-SP(RIGHT)	1	32 INCH
	XSN2+W4FJ	SCREW(PC CARD SOCKET)	2	
	XSS4+14FJK	SCREW(POLE SUPPORT METAL)	4	
	XSS4+6FJK	SCREW(SUPPORT METAL)	5	
	XSS6+16FJK	SCREW(STAND SUPPORT METAL)	4	
	XTB4+12JFJ	SCREW	2	
	XTB4+15JFJ	SCREW	19	26 INCH
	XTB4+15JFJ	SCREW	23	32 INCH
	XTB4+18JFJK	SCREWiBACK COVERX11)	11	
	XTS4+12JFJ	SCREW	6	
	XTV3+10JFJK	SCREW	4	
	XTV3+12GFJ	SCREW	8	
	XTV3+8JFJ	SCREW	2	
	XTV3+8JFJ	SCREW	2	
	XTW3+12TFJ	SCREW	10	
	XTW3+8TFJ	SCREW	29	
	XTWT4+Z15DFJ	SCREW(SP BOXj	6	
	XYN2+F5FJ	SCREW(TOP`BOT)	1	
	XYN3+F6FJ	SCREW	3	
	XYN3+J8FJ	SCREW ROHS	1	
	XYN4+C12FJ	SCREW	2	
	XYN4+F10FJ	SCREW(LCD FIXED METAL)	4	
	XYN4+F20FJK	SCREW(SETj	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks

14. Electrical Replacement Parts List

14.1. Electrical Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.
After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.
After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxide	J : ±5%
Metal FIlm	K : ±10%
S : Solid	M : ±20%
W : Wire Wound	

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type Allowance

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester	F : ±1pF
Polyprop	G : ±3pF
lene	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

14.2. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
AP1	K1KA23A00005	23P CONNECTOR	1	
AP2	K1KA04A00576	4P CONNECTOR	1	
AP3	K1KA11A00124	11P CONNECTOR	1	
AP4,P5	K1KA23A00003	23P CONNECTOR	2	
AP6	K1KA02A00626	2P CONNECTOR	1	
AP10	K1KA02A00613	2P CONNECTOR	1	
C1004	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C1005	EEEHB1C220UR	C 22PF, J, 16V	1	
C1006	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C1007	EEEHB1C220UR	C 22PF, J, 16V	1	
C1008	EEEHB0J101P	C 100PF, J, 6.3V	1	
C1009	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C1101	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1102	EEEHB1C470P	C 47PF, J, 16V	1	
C1103	EEEHB0G101R	C 100PF, J, 4V	1	
C1104,05	ECJ1XB0J105K	C 1UF, K, 16V	2	
C1106,07	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1109	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1110	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1112	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1113	EEFCD0G560R	56UF,	1	
C1115	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1116	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1117	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1119	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1120	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1121	EEEHB1C470P	C 47PF, J, 16V	1	
C1122	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1124	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1125	EEVHB1C100R	E 10UF, 16V	1	
C1126,27	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1128	EEVHB0G101R	E 100UF 4V	1	
C1129	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1131	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1132,33	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1134	EEVHB0G101R	E 100UF 4V	1	
C1135	EEEHB0G221P	C 220PF, J, 4V	1	
C1136	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1138-41	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C1142	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1144	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1145	ECJ1XC1H180J	C 18PF, J, 50V	1	
C1146	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1147	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1149	ECJ1XC1H220J	C 22PF, J, 50V	1	
C1150	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1152	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1154	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1156	EEVHB1C100R	E 10UF, 16V	1	
C1157,58	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1160	ECJ1XC1H102J	C 1000PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1161,62	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1164	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1166,67	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1168	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1169	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1170-73	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C1175,76	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1177	EEVHB0G101R	E 100UF 4V	1	
C1178	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1179	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1180,81	ECJ1XC1H271J	C 270PF, J, 50V	2	
C1182	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1183	ECJ1XC1H271J	C 270PF, J, 50V	1	
C1186	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1187,88	ECJ1XC1H271J	C 270PF, J, 50V	2	
C1189-91	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C1199-03	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C1204,05	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C1209	EEEHB0G221P	C 220PF, J, 4V	1	
C2019,20	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2063	EEEHB1A471UP	C 470PF, J, 10V	1	
C2064	EEEHB1C220UR	C 22PF, J, 16V	1	
C2065	EEEHB1C101UP	C 100PF, J, 16V	1	
C2118,19	EEEHP1E220P	C 22PF	2	
C2123,24	ECJ2FB1A225K	C 2.2UF, K, 10V	2	
C2125,26	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C2127	EEEHB1C101UP	C 100PF, J, 16V	1	
C2128	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C2131	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2132	EEEHB1E470P	C 47PF, J, 25V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2135,36	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2137-43	ECJ1VF1H104Z	C 0.1UF, Z, 50V	7	
C2146	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2147	EEEHB1C101UP	C 100PF, J, 16V	1	
C2148-50	ECJ1VB1C105K	C 0.01UF, K, 16V	3	
C2151	ECJ3XB1C105K	C 1UF, K, 16V	1	
C2152	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2153	ECJ3XB1C105K	C 1UF, K, 16V	1	
C2154	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2155	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2157	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2159,60	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2161	EEEHB1C101UP	C 100PF, J, 16V	1	
C2162-65	ECJ1VB1C105K	C 0.01UF, K, 16V	4	
C2166,67	ECJ1VF1H104Z	C 0.1UF, Z, 50V	2	
C2168,69	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2172	ECJ1VB1H332K	C 3300PF, K, 50V	1	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H332K	C 3300PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	EEEHB1C100R	C 10PF, J, 16V	2	
C2181	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2183	EEEHB1H3R3R	C 3.3PF, J, 50V	1	
C2184,85	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C2186	EEEHB1C101UP	C 100PF, J, 16V	1	
C2189,90	ECJ1VF1C105Z	C 1UF, Z, 16V	2	
C2191	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2192	EEEHB1C100R	C 10PF, J, 16V	1	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2198	EEEHB1C101UP	C 100PF, J, 16V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201,02	ECJ1XC1H030C	C 3PF, C, 50V	2	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2206	EEEHB1C101UP	C 100PF, J, 16V	1	
C2207	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2214	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C2215	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2216	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2217	EEEHB1E470P	C 47PF, J, 25V	1	
C2301,02	ECJ1VB1H223K	C 0.22UF, K, 50V	2	
C2315	ECJ1VB1H123K	C 0.012UF, K, 50V	1	
C2317,18	ECJ1VB1H123K	C 0.012UF, K, 50V	2	
C2320	ECJ1VB1H123K	C 0.012UF, K, 50V	1	
C2326,27	ECJ1VB1C473K	C 0.047UF, K, 16V	2	
C2328,29	F2A1C101A121	E 100UF, 16V	2	
C2331,32	ECJ1VF1H104Z	C 0.1UF, Z, 50V	2	
C2347	EEEHB1C220UR	C 22PF, J, 16V	1	
C2348	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2349	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2350	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2351	EEEHB1H100P	C 10PF, J, 50V	1	
C2352	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2353	EEEHB1C101UP	C 100PF, J, 16V	1	
C2356	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2357	EEEHB1C101UP	C 100PF, J, 16V	1	
C2366,67	ECJ1XC1H330J	C 33PF, J, 50V	2	
C2520	ECA1VM471	E 470UF, 35V	1	
C2521	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2522-24	ECJ1VB1H222K	C 2200PF, K, 50V	3	
C2525	ECA1EHG470	E 47UF, 25V	1	
C2526	ECJ2FB1E224K	C 22UF, K, 25V	1	
C2527	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2528	ECA1EHG102	E 1000UF, 25V	1	
C2529	ECJ2FB1E224K	C 22UF, K, 25V	1	
C2530	ECJ1VB1H153K	C 0.015UF, K, 50V	1	
C2531	ECA1HM2R2	E 2.2UF, 50V	1	
C2534	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2535,36	ECJ1VB1H221K	C 220UF, K, 50V	2	
C2537	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2538-40	ECJ1VB1H222K	C 2200PF, K, 50V	3	
C2541	ECA1EHG470	E 47UF, 25V	1	
C2542	ECJ2FB1E224K	C 22UF, K, 25V	1	
C2543	ECJ2FB1H104K	C 0.1UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2544	ECA1EHG102	E 1000UF, 25V	1	
C2545	ECJ2FB1E224K	C 22UF, K, 25V	1	
C2546	ECJ1VB1H153K	C 0.015UF, K, 50V	1	
C2547	ECA1HM2R2	E 2.2UF, 50V	1	
C2550	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2551,52	ECJ1VB1H221K	C 220UF, K, 50V	2	
C2553	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2554-56	ECJ1VB1H222K	C 2200PF, K, 50V	3	
C2557	ECA1EHG470	E 47UF, 25V	1	
C2558	ECJ2FB1E224K	C 22UF, K, 25V	1	
C2559	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2560	ECA1EHG102	E 1000UF, 25V	1	
C2561	ECJ2FB1E224K	C 22UF, K, 25V	1	
C2562	ECJ1VB1H153K	C 0.015UF, K, 50V	1	
C2563	ECA1HM2R2	E 2.2UF, 50V	1	
C2566	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2567,68	ECJ1VB1H221K	C 220UF, K, 50V	2	
C2569	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2570-72	ECJ1VB1H222K	C 2200PF, K, 50V	3	
C2573	ECA1EHG470	E 47UF, 25V	1	
C2574	ECJ2FB1E224K	C 22UF, K, 25V	1	
C2575	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2576	ECA1EHG102	E 1000UF, 25V	1	
C2577	ECJ2FB1E224K	C 22UF, K, 25V	1	
C2578	ECJ1VB1H153K	C 0.015UF, K, 50V	1	
C2579	ECA1HM2R2	E 2.2UF, 50V	1	
C2582	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2583,84	ECJ1VB1H221K	C 220UF, K, 50V	2	
C2585	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2586-89	ECJ2XB1H153K	C 0.015UF, K, 50V	4	
C2590-93	ECJ1XB1H102K	C 1000UF, Z, 50V	4	
C2611-14	ECJ2FB1E475M	C 4.7UF, K, 25V	4	
C3021-28	ECJ1VB1A105K	C 0.01UF, Z, 50V	8	
C3029	ECJ1VF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C3031-33	ECJ1VB1A105K	C 0.01UF, Z, 50V	3	
C3035,36	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C3038	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3039	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3041	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3042,43	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C3044	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3045,46	ECJ1VF1H104Z	C 0.1UF, Z, 50V	2	
C3047	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3048	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3049-56	ECJ1VB1A105K	C 0.01UF, Z, 50V	8	
C3057	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3058	EEEHB1C471UP	C 470PF, J, 16V	1	
C3059	ECJ1VF1C105Z	C 1UF, Z, 16V	1	
C3060,61	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3066	ECEA1CN470U	E 47UF, 16V	1	
C3067	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3068	ECEA1CN470U	E 47UF, 16V	1	
C3069	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3070	ECEA1CN470U	E 47UF, 16V	1	
C3071	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3074	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3078-85	ECJ1XC1H561J	C 560PF, J, 50V	8	
C3087,88	ECJ1VF1C105Z	C 1UF, Z, 16V	2	ECJ2VF1C105Z
C3092	ECA1EM471	E 470UF, 25V	1	
C3093	ECJ1VF1C224Z	C 0.22UF, Z, 16V	1	
C3097	ECJ1VF1C224Z	C 0.22UF, Z, 16V	1	
C3214	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3216	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3227	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3229-31	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C3232	ECJ1VB1H123K	C 0.012UF, K, 50V	1	
C3233	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3234	ECJ1VB1H123K	C 0.012UF, K, 50V	1	
C3240	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3241-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C3245	EEEHB1C220R	C 22PF, J, 16V	1	
C3246,47	EEEHB1A330R	C 33PF, J, 10V	2	
C3248	EEEHB0J220R	C 22PF, J, 6.3V	1	
C3249	EEEHB1H100P	C 10PF, J, 50V	1	
C3251	ECA1CM470	E 47UF, 16V	1	
C3252	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3253	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3254	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	ECJ2VF1H104Z
C3261	ECJ1VB1C104K	C 0.1UF, K, 16V	1	ECJ2VB1C104K
C3262	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3263	ECJ1VF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C3264	ECA0JM102	E 1000UF, 6.3V	1	
C3266	ECA0JM101	E 100UF, 6.3V	1	
C3305	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3307	EEEHB1C101UP	C 100PF, J, 16V	1	
C3309	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3848,49	ECJ2XC1H561J	C 560PF, J, 50V	2	
C3850,51	ECJ1VF1H104Z	C 0.1UF, Z, 50V	2	
C4001	EEVHB0G101R	E 100UF 4V	1	
C4002	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4003	EEFCD0G560R	56UF,	1	
C4004,05	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4006	EEEHB1C100R	C 10PF, J, 16V	1	
C4007	EEVHP1C100R	E 10UF, 16V	1	
C4008	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4009	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4013	EEVHB0J470R	E 47UF, 6.3V	1	
C4014,15	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4016	EEVHB1E330	E 33UF, 25V	1	
C4017,18	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4019	EEVHB1C100R	E 10UF, 16V	1	
C4020-22	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4024	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4025	EEVHB0J470R	E 47UF, 6.3V	1	
C4026	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4027-29	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4030	ECJ1XC1H102J	C 1000PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4031-36	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C4038	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4039	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4040	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4041	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4042,43	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4044	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4045	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4047,48	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4049	EEVHB0J470R	E 47UF, 6.3V	1	
C4050	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4051	EEVHB0G101R	E 100UF 4V	1	
C4052	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4053-55	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4056-58	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C4059,60	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4061	EEVHB1E330	E 33UF, 25V	1	
C4063	ECJ1XC1H050C	C 5PF, C, 50V	1	
C4075,76	ECJ1XC1H220J	C 22PF, J, 50V	2	
C4079	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4084	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4086	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4091,92	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4093-95	ECJ1VB1C105K	C 0.01UF, K, 16V	3	
C4097	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4099	EEVHB0J470R	E 47UF, 6.3V	1	
C4100	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4101-04	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C4105	EEVHB0G101R	E 100UF 4V	1	
C4106	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4107	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4108	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4109	EEVHB0J470R	E 47UF, 6.3V	1	
C4110	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4112,13	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4114	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4115	ECJ3YB0J335K	C 33UF, J, 25V	1	
C4116	ECJ1VB1H682K	C 6800PF, K, 50V	1	
C4118	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4119-22	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4124,25	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4127,28	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C4129	EEEHB0G221P	C 220PF, J, 4V	1	
C4130,31	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4132	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4135	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4137	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4138-40	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4141,42	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C4143-52	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C4153	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4154	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4155	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4156	ECJ1XB0J105K	C 1UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4157	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4158	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4159	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4160	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4163	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4164	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4165	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4166,67	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4168	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4169	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4170	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C4171	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4172	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4173	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4175	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4176,77	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4178,79	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4183,84	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4186-88	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4189	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4190,91	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4192,93	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C4194	ECJ3YB0J335K	C 33UF, J, 25V	1	
C4195	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4198	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4199,00	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4201	EEEHB1C470P	C 47PF, J, 16V	1	
C4202	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4203	ECJ1XC1H181J	C 180PF, J, 50V	1	
C4205	ECJ1XC1H181J	C 180PF, J, 50V	1	
C4206,07	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4209	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4210	EEEHB1C470P	C 47PF, J, 16V	1	
C4219	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C4220	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4221,22	EEEHP1C100R	C 10PF, J, 16V	2	
C4223	ECJ1VB1H272K	C 2700PF, K, 50V	1	
C4224	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4225	EEEHB1C100R	C 10PF, J, 16V	1	
C4226	F1J0J1060004	C 0.010UF, K, 16V	1	
C4228	F1J0J1060004	C 0.010UF, K, 16V	1	
C4230	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4231	ECJ1VB1H272K	C 2700PF, K, 50V	1	
C4232	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4233	EEEHB1C470P	C 47PF, J, 16V	1	
C4234	EEVHB0J470R	E 47UF, 6.3V	1	
C4235-46	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C4247	EEVHB0J470R	E 47UF, 6.3V	1	
C4248-52	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4255-57	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4258	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4259	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4262-67	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C4268	ECJ1VB1H103K	C 0.001UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4269	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4270	EEVHB0J470R	E 47UF, 6.3V	1	
C4271-84	ECJ1XB1C104K	C 0.1UF, Z, 16V	14	
C4286	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4287-89	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4293,94	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4295	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4296	EEEHB0J330R	C 33PF, J, 6.3V	1	
C4297,98	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4299	EEEHB0J220R	C 22PF, J, 6.3V	1	
C4300	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4308	EEVHB0J470R	E 47UF, 6.3V	1	
C4309,10	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4311	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4312	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4313	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4314	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4315	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4316	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4317	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4318,19	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4320	EEVHB0G221P	E 220UF, 4V	1	
C4322-24	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4325	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4326	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4327	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4328	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4329	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4330	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4331	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4332,33	ECJ1XC1H150J	C 15PF, J, 50V	2	
C4334,35	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4336	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4337	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4338	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4339	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4340	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4341	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4342	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4343	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C4344	EEEHB1A101P	C 100PF, J, 10V	1	
C4345	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C4346	EEEHB1A101P	C 100PF, J, 10V	1	
C4347	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4348	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C4349	EEFCD0G560R	56UF,	1	
C4350	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C4351	EEEHB0G221P	C 220PF, J, 4V	1	
C4353	ECJ1VB1E223K	C 0.023UF, K, 25V	1	
C4356	ECJ1VB1E223K	C 0.023UF, K, 25V	1	
C4357	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4360	EEEHB0G221P	C 220PF, J, 4V	1	
C4362,63	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4364	ECJ3YB1C475K	C 0.047UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4367	EEEHB1A101P	C 100PF, J, 10V	1	
C4368,69	ECJ3YB1C475K	C 0.047UF, K, 16V	2	
C4370	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4371,72	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4373,74	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4375	EEVHB0J470R	E 47UF, 6.3V	1	
C4376-96	ECJ1XB1C104K	C 0.1UF, Z, 16V	21	
C4397	EEVHB0J470R	E 47UF, 6.3V	1	
C4398-10	ECJ1XB1C104K	C 0.1UF, Z, 16V	13	
C4411	EEVHB0J470R	E 47UF, 6.3V	1	
C4412	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4415-20	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C4421	EEVHB0J470R	E 47UF, 6.3V	1	
C4422	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4424	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4425	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4426-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4431	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4432-34	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C4435	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4436-41	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C4444	ECJ1VB0J334K	C 0.33UF, K,6.3V	1	
C4445	ECJ1VB1H682K	C 6800PF, K, 50V	1	
C4447	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4448	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4449	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4450	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4453	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4456	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4457,58	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4459	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4460	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4461	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4462	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4465	ECJ1XC1H820J	C 82PF, J, 50V	1	
C4468	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4470,71	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4472	EEEHB1C470P	C 47PF, J, 16V	1	
C4473	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4474	EEVHB0J220	E 22UF 6.3V	1	
C4476	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4478	EEEHB1C470P	C 47PF, J, 16V	1	
C4488-91	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C4503	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4504	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4506	ECJ1VB0J474K	C 0.47UF, K, 6.3V	1	
C4507	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4517,18	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4519	EEEHB1C470P	C 47PF, J, 16V	1	
C4524	EEVHB0J470R	E 47UF, 6.3V	1	
C4525,26	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4527	EEEHB1C100R	C 10PF, J, 16V	1	
C4529	EEEHB1C470P	C 47PF, J, 16V	1	
C4536	EEEHB0J101P	C 100PF, J, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4540	**EEEHB0G221P**	**C 220PF, J, 4V**	**1**	
C4547	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4549-75	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**27**	
C4577-79	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**3**	
C4584	**ECJ1XC1H680J**	**C 68PF, J, 50V**	**1**	
C4586,87	**ECJ2FB0J335K**	**C 3.3UF, K, 16V**	**2**	
C4588	**EEEHB1A101P**	**C 100PF, J, 10V**	**1**	
C4591	**ECJ3XB0J106M**	**C 10UF, M,6.3V**	**1**	
C4592	**ECJ1VB1H103K**	**C 0.001UF, K, 50V**	**1**	
C4594	**ECJ3XB0J106M**	**C 10UF, M,6.3V**	**1**	
C4595	**ECJ1VB1H103K**	**C 0.001UF, K, 50V**	**1**	
C4596,97	**ECJ1VB1C105K**	**C 0.01UF, K, 16V**	**2**	
C4598-40	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**43**	
C4650,51	**ECJ1XB0J105K**	**C 1UF, K, 16V**	**2**	
C4652,53	**ECJ1VB1H103K**	**C 0.001UF, K, 50V**	**2**	
C4654	**EEFCD0G560R**	**56UF,**	**1**	
C4661	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4662,63	**ECJ1XB0J105K**	**C 1UF, K, 16V**	**2**	
C4666	**EEFCD0G560R**	**56UF,**	**1**	
C4667-69	**ECJ1XB0J105K**	**C 1UF, K, 16V**	**3**	
C4671	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C4672	**ECJ1XF1C104Z**	**C 0.1UF, Z, 16V**	**1**	
C4673	**ECJ1VB1H682K**	**C 6800PF, K, 50V**	**1**	
C4675	**ECJ1VB1C105K**	**C 0.01UF, K, 16V**	**1**	
C4678-81	**ECJ1XB0J105K**	**C 1UF, K, 16V**	**4**	
C4683	**ECJ1XB0J105K**	**C 1UF, K, 16V**	**1**	
C4684-89	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**6**	
C4694	**EEVHB1E330**	**E 33UF, 25V**	**1**	
C4695,96	**ECJ1XB0J105K**	**C 1UF, K, 16V**	**2**	
C4697	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C4698	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4699	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4702	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4703	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4704	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4705	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4706	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4707	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4710	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4711	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4712	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4713	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4716	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4717	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4720	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4721	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4722	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4723	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4726	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4727	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4730	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4731	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	
C4732	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C4733	**ECJ1XC1H102J**	**C 1000PF, J, 50V**	**1**	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4736	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4737	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4738	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4739	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4740	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4741	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4744	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4745	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4746	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4747	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4748	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4749	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4752	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4753	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4754	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4755	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4756	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4757	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4758	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4759	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4760	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4761	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4762	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4763	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4764	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4765	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4766	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4767	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4768	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4769	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4770	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4771	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4772	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4773	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4779	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4780	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4781	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4782,83	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4784	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4785,86	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4788	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4791	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4792	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4793	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4794,95	ECJ1XC1H101J	C 100PF, J, 50V	2	
C4796	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4805	ECJ2FB0J335K	C 3.3UF, K, 16V	1	
C5001	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C5004	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C5005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5013	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C5014	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5016	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5017	ECJ1VF1A105Z	C 1UF, Z, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5018	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5019	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C5020	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5030	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5034	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5036	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5039,40	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C5044	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5046	ECJ1XC1H471J	C 470PF, J, 50V	1	
C5047	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5049	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5054	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C5056	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5057	ECJ1XC1H101J	C 100PF, J, 50V	1	
C5133	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C5134	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5135,36	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C5137	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C5140,41	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C5143	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C5144	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6521	EEEHB1C220R	C 22PF, J, 16V	1	
C6522	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6529	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6530	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C6531	EEEHB1C220R	C 22PF, J, 16V	1	
C6536	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6537	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6538,39	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C6546	EEEHB1A330R	C 33PF, J, 10V	1	
C6549-54	ECJ1XC1H680J	C 68PF, J, 50V	6	
C6556	ECJ1XC1H680J	C 68PF, J, 50V	1	
C6559-88	ECJ1XC1H680J	C 68PF, J, 50V	30	
C6590-07	ECJ1XC1H101J	C 100PF, J, 50V	18	
C6706	EEEHB1C470P	C 47PF, J, 16V	1	
C6707	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6709,10	F1H1A1050028	E 1UF, 50V	2	
C6712,13	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C6715	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6716	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C6730	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6733	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6740	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6741	EEEHB1C100R	C 10PF, J, 16V	1	
C6747	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C6748	F1H1A1050028	E 1UF, 50V	1	
C6749	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C6750	EEVHB1C101P	E 100UF, 16V	1	
C7002,03	ECKDNA331MB7	C 330PF, M,	2	ECKDNA471MB ⚠
C7007	ECKD3A472KBP	C 4700PF, K, 1KV	1	
C7009	ECQU2A224BN9	P 0.22UF, 250V	1	⚠
C7010,11	ECQU2A334BN9	P 0.33UF, M,250V	2	⚠
C7012	ECKDNA101MB	C 100PF	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7053,54	ECA2WHG4R7	E 4.7UF, 450V	2	
C7055	ECQB1H473JF	P 0.047UF, J, 50V	1	
C7056	ECQE2A473KF	P 0.047UF, K,250V	1	
C7100	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7101	ECKD3D471KBP	C 470PF, K, 2KV	1	
C7102	ECJ2VC2A101J	E 100UF, 100V	1	
C7104	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C7105	ECQV1H104JM	P 0.1UF, J, 50V	1	
C7106	ECA1HM010	E 1UF, 50V	1	
C7109,10	ECA2WHG100	E 10UF, 450V	2	
C7112	EEUFC1V680	E 68UF, 35V	1	
C7114	F2A1C1020027	E 1000UF, 16V	1	
C7115	ECQV1H104JM	P 0.1UF, J, 50V	1	
C7116	ECA1AHG222	E 2200UF, 10V	1	
C7117	F1J1A1050002	C 1UF, Z, 50V	1	
C7118	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7130	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7202	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C7203	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7204-07	F1J1A1050002	C 1UF, Z, 50V	4	
C7208	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C7209	F2A1C101A121	E 100UF, 16V	1	
C7210	ECJ2VB1C224K	C 0.22UF, K, 16V	1	
C7211	ECA1HM330	E 33UF, 50V	1	
C7212	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7251,52	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C7301	F2A1H471A531	E 470UF, 50V	1	
C7302	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C7303	F2A1C1020027	E 1000UF, 16V	1	
C7305,06	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C7307	ECA1VM102	E 1000UF, 35V	1	
C7401	F2A1H471A531	E 470UF, 50V	1	
C7402	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C7403	F2A1C1020027	E 1000UF, 16V	1	
C7405,06	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C7407	F2A1C681A117	E 680UF, 16V	1	
C7412	F1J1A1050002	C 1UF, Z, 50V	1	
C7501,02	ECA1HM100	E 10UF, 50V	2	
C7503,04	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C7505	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C7506	ECA1VHG471	E 470UF, 35V	1	
C7601	ECJ2FB1E224K	C 22UF, K, 25V	1	
C7602,03	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C7605	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C7609	ECJ2FB1E224K	C 22UF, K, 25V	1	
C7701	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7702	ECA1HM221	E 220UF, 50V	1	
C7703	F2A1C1020027	E 1000UF, 16V	1	
C7705	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7706	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C7751	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C7752	ECA1HM221	E 220UF, 50V	1	
C7753	EEUFC1A471	E 470UF, 10V	1	
C7754	ECJ2XB1H103K	C 0.01UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7755	ECJ2XB1H682K	C 6800PF, K, 50V	1	
C7756	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C7951	ECA1VHG471	E 470UF, 35V	1	
C7952-61	ECJ2XB1H103K	C 0.01UF, K, 50V	10	
C7964,65	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C7966,67	ECA1EM101	E 100UF, 25V	2	
D1001	MAZ8043M	ZENER DIODE	1	
D1003	MAZ8043M	ZENER DIODE	1	
D1005	B3AAA0000770	LED	1	
D1101	MA8120M	ZENER DIODE	1	MAZ81200M
D1104	MA152	DIODE	1	
D1106-11	MA8062MTX	ZENER DIODE	6	MAZ80620ML
D1113	MA111	DIODE	1	MA2J111
D2003	MA152	DIODE	1	
D2004	MA157A	DIODE	1	MA3X157A
D2005	MA111	DIODE	1	MA2J111
D2006	MA152	DIODE	1	
D2104	MA152K	DIODE	1	MA3X152K
D2107-13	MA8140M	ZENER DIODE	7	MAZ81400M
D2115,16	MA8140M	ZENER DIODE	2	MAZ81400M
D2118	MA8140M	ZENER DIODE	1	MAZ81400M
D2119	MA3120M	ZENER DIODE	1	MAZ31200M
D2120	MA152K	DIODE	1	MA3X152K
D2124,25	MA8056-M	ZENER DIODE	2	MAZ80560M
D2513-16	MA704A	DIODE	4	MA3X704A
D2517-20	MA8140M	ZENER DIODE	4	MAZ81400M
D3020	B0BC3R400001	ZENER DIODE	1	
D3021	MA152	DIODE	1	
D3022,23	MA111	DIODE	2	MA2J111
D3024	MA3100M	ZENER DIODE	1	MAZ31000M
D3026-31	MA111	DIODE	6	MA2J111
D3032,33	MA8140M	ZENER DIODE	2	MAZ81400M
D3036-42	MA8140M	ZENER DIODE	7	MAZ81400M
D3048,49	MA8140M	ZENER DIODE	2	MAZ81400M
D3203	MA111	DIODE	1	MA2J111
D3813	MA8140M	ZENER DIODE	1	MAZ81400M
D3815	MA8140M	ZENER DIODE	1	MAZ81400M
D3825,26	MA8140M	ZENER DIODE	2	MAZ81400M
D4001	MA152K	DIODE	1	MA3X152K
D4004,05	B0JCPD000026	DIODE	2	
D4006,07	B0JCDD000002	DIODE	2	
D4008	MA152K	DIODE	1	MA3X152K
D4009	MA111	DIODE	1	MA2J111
D5013-23	D4ED13900001	DIODE	11	
D5025	MA3056M	ZENER DIODE	1	MAZ30560M
D6702	B3AEB0000065	DIODE	1	
D7001-03	ERZV10V621T2	VARISTOR	3	⚠
D7004	B0FBAT000008	DIODE	1	⚠
D7051,52	B0EAKT000023	DIODE	2	
D7101	ERA22-10	DIODE	1	B0EAEV000002
D7104	B0JAMG000025	DIODE	1	
D7105	MA4068M	ZENER DIODE	1	MAZ40680M
D7106	MA111	DIODE	1	MA2J111

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D7107	B0EBKT000007	DIODE	1	⚠
D7109	TVSSR2KL	DIODE	1	B0ZAZ0000044
D7110	RY24	DIODE	1	
D7111	B0BA01000070	ZENER DIODE	1	⚠
D7112	ERA22-10	DIODE	1	B0EAEV000002
D7113	B0JANG000003	DIODE	1	
D7116	B0JAMG000025	DIODE	1	
D7120	MA4330M	ZENER DIODE	1	MAZ43300M
D7201	MA4075M	ZENER DIODE	1	MAZ40750M
D7202	MA4140M	ZENER DIODE	1	MAZ41400M
D7203	MA8330M	ZENER DIODE	1	MAZ83300M
D7204	MA111	DIODE	1	MA2J111
D7207	MA729	DIODE	1	MA2J729
D7208,09	MA111	DIODE	2	MA2J111
D7210	MA4075M	ZENER DIODE	1	MAZ40750M
D7211	MA111	DIODE	1	MA2J111
D7251	MA4200M	ZENER DIODE	1	MAZ42000M
D7252	MA111	DIODE	1	MA2J111
D7301	MA8100MTX	ZENER DIODE	1	MAZ81000ML
D7302	MA111	DIODE	1	MA2J111
D7303	MA8220-M	ZENER DIODE	1	MAZ82200M
D7304	MA111	DIODE	1	MA2J111
D7401	MA8056-M	ZENER DIODE	1	MAZ80560M
D7402	MA111	DIODE	1	MA2J111
D7403	MA8130M	ZENER DIODE	1	
D7404,05	MA111	DIODE	2	MA2J111
D7501	MA111	DIODE	1	MA2J111
D7601,02	B0HCMM000014	DIODE	2	
D7603,04	MTZJ16C	DIODE	2	
D7605	B0HCMM000014	DIODE	1	
D7606	MA111	DIODE	1	MA2J111
D7701	B0JCPG000005	DIODE	1	
D7702	B0HCMM000014	DIODE	1	
D7703	MA8100MTX	ZENER DIODE	1	MAZ81000ML
D7704	MA111	DIODE	1	MA2J111
D7751	B0JCNG000003	DIODE	1	
D7752	B0HCMM000014	DIODE	1	
D7753	MA8100MTX	ZENER DIODE	1	MAZ81000ML
D7754	MA111	DIODE	1	MA2J111
DG2,G3	K1MN40B00044	40P CONNECTOR	2	
DG4,G5	K1KB23A00003	23P CONNECTOR	2	
DG6	K1KA08BA0047	8P CONNECTOR	1	
DG7	K1KB30B00032	30P CONNECTOR	1	
DG8	K1KA07BA0047	7P CONNECTOR	1	
DG10	K1KA60A00156	60P CONNECTOR	1	
DG11	K1KA08AA0150	8P CONNECTOR	1	
DG15	K1KA07AA0266	7P CONNECTOR	1	
DV15	K1KB60A00132	60P CONNECTOR	1	
F7000-1,-2	K3GE1ZA00010	FUSE HOLDER	2	
F7000	K5D502BNA001	AC FUSE	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL3301,02	J0HABB000003	LC FILTER	2	
FL4005	J0HABC000008	LC FILTER	1	
FL4012-15	J0HABC000011	LC FILTER	4	
FL4020-22	J0JBD0000043	CHIP INDUCTOR	3	
FL4023-29	ELKE103FA	NOISE FILTER	7	
G1	K1KA10BA0062	10P CONNECTOR	1	
G4	K1KA30AA0009	30P CONNECTOR	1	
G5	K1KA20AA0009	20P CONNECTOR	1	
G10	K1KA04BA0061	4P CONNECTOR	1	
G11	K1KA05BA0061	5P CONNECTOR	1	
G15	K1KA02A00553	2P CONNECTOR	1	
GP6	K1KA03AA0104	3P CONNECTOR	1	
GP10	K1MN50A00005	50P CONNECTOR	1	
GS3	K1MN40A00025	40P CONNECTOR	1	
GS8	K1KA07AA0104	7P CONNECTOR	1	
GS9	K1KA15A00148	15P CONNECTOR	1	
H1	K1KB23A00003	23P CONNECTOR	1	
H2,H3	K1MN40B00044	40P CONNECTOR	2	
H4	K1KA30AA0009	30P CONNECTOR	1	
H5	K1KA20AA0009	20P CONNECTOR	1	
H6	K1KA03AA0150	3P CONNECTOR	1	
H8	K1KA07AA0150	7P CONNECTOR	1	
H9	K1KA15A00148	15P CONNECTOR	1	
H12	K1KA09AA0190	9P CONNECTOR	1	
IC1103	C0DBEZG00013	IC	1	
IC1104	C2CBYF000032	IC	1	
IC1106	CXA1875AM	LINEAR IC	1	C0FBBD000017
IC1107	C3EBHC000024	IC	1	
IC1108	C0EBE0000336	IC	1	
IC1109	C0JBBZ000281	IC	1	
IC1110	C0CBCBD00043	IC	1	
IC1114	C3ABPG000133	IC	1	
IC1115	TVRN656-1	IC	1	C3FBMD000182
IC1116	CXA1875AM	LINEAR IC	1	C0FBBD000017
IC1117	C0JBAZ002186	IC	1	
IC2101	C1BB00000931	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBB000038	IC	1	
IC2105	AN15861A-VT	IC	1	
IC2106	C1AB00002135	IC	1	
IC2107	C0DBEZE00006	IC	1	
IC2108	C0EBF0000354	IC	1	
IC2302,03	C0ABBA000168	IC	2	
IC2500-03	C1BB00000998	IC	4	
IC3005	AN15866A-VT	IC	1	
IC3006	CXA1315M	LINEAR IC	1	C1AB00000440
IC3301	C0JBAZ002205	IC	1	
IC4001	C0ABBB000289	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC4002	C0FBBK000038	IC	1	
IC4005	C1AB00002298	IC	1	
IC4008	C0CBCBD00008	IC	1	
IC4009	C0CBCAD00012	IC	1	
IC4010	C0EBE0000336	IC	1	
IC4011	C0CBCAC00282	IC	1	
IC4012	C1AB00001834	IC	1	
IC4013	C1AB00002202	IC	1	
IC4014	C0JBAZ002186	IC	1	
IC4024	C0DBAMH00014	IC	1	
IC4025	C0DBAMH00013	IC	1	
IC4033	C0JBCZ000485	IC	1	
IC4041	C0CBCAC00275	IC	1	
IC4042	C0DBEJG00001	IC	1	
IC4044	C0CBCAC00136	IC	1	
IC4047	C0CBCBD00008	IC	1	
IC4048	C0DBEJG00001	IC	1	
IC4049	C0CBABF00020	IC	1	
IC4051	C1ZBZ0002790	IC	1	
IC4052	C3EBJC000055	IC	1	
IC4054	C1AB00002234	IC	1	
IC4055	C3ABQJ000040	IC	1	
IC4057	C1AB00002217	IC	1	
IC4063	C0EBC0000208	IC	1	
IC4081	C1ZBZ0002679	IC	1	
IC5003	MN864721A	IC	1	
IC5015	C0CBCAD00016	IC	1	
IC5017	C3EBFC000037	IC	1	
IC6701	C0CBCBD00008	IC	1	
IC6703	C0JBAZ000851	IC	1	
IC7051	C5HAZMH00003	IC	1	
IC7101	C5HABZZ00165	IC	1	
IC7103	C0DAAMA00003	IC	1	
IC7301	C5HAAKG00002	IC	1	
IC7401	C5HAAKG00002	IC	1	
IC7701	C0DAAZH00020	IC	1	
IC7751	C0DAAZG00014	IC	1	
JK2001	K2HA204A0038	JACK	1	
JK3001	K1FB315A0001	CONNECTOR	1	
JK3003	K2HA614A0003	JACK	1	
JK3004	K1U826A00003	CONNECTOR	1	
JK3005	K2HA306A0034	JACK	1	
JK3801	K4BK23B00004	AV TERMENAL	1	
JK5001	K1FA119D0001	CONNECTOR	1	
JK6501	K1YY68000009	PC CARD CONNECTOR	1	
JK6502	K1NA68E00076	CONNECTOR	1	
JK6701	K1NA09E00057	CONNECTOR	1	
JS1001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS1101	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2101,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2105-08	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS2109	ERJ6GEY0R00	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS2111	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2500	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3023-25	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3026-28	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
JS3401	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3903	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4001,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS4005-15	ERJ3GEY0R00	M 0 OHM, 1/16W	11	
JS4018,19	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS4026-28	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4035-37	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4042-44	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4048	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4056	ERJ3GEY0R00	M 0 OHM, 1/16W	1	26 INCH
JS4063	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4068	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4070,71	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS4076-78	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS5002	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS6501	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS6704	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS6718-20	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
K6	K1KA02A00626	2P CONNECTOR	1	
L1101-04	J0JHC0000078	CHIP INDUCTOR	4	
L1106	ELJFA8R2KFB	CHIP INDUCTOR	1	
L1108	J0JCC0000241	CHIP INDUCTOR	1	
L1109	J0JHC0000078	CHIP INDUCTOR	1	
L1110	J0JCC0000241	CHIP INDUCTOR	1	
L1111,12	J0JHC0000078	CHIP INDUCTOR	2	
L2001,02	J0JCC0000364	CHIP INDUCTOR	2	
L2104	ELJPA470KFB	CHIP INDUCTOR	1	
L2105-07	J0JHC0000078	CHIP INDUCTOR	3	
L2108	J0JCC0000241	CHIP INDUCTOR	1	
L2109,10	TSK1032	BEAD CHOKE	2	J0JCC0000100
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2113,14	TSK1032	BEAD CHOKE	2	J0JCC0000100
L2115	J0JCC0000241	CHIP INDUCTOR	1	
L2117	ELJFA6R8KFB	CHIP INDUCTOR	1	
L2120	J0JHC0000078	CHIP INDUCTOR	1	
L2121	J0JCC0000241	CHIP INDUCTOR	1	
L2122	TSK1032	BEAD CHOKE	1	J0JCC0000100
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2500-03	G1C330K00024	INDUCTION COIL	4	
L2508-11	J0JJC0000011	CHIP INDUCTOR	4	
L3011-25	EXC3BB221H	BEAD CHOKE	15	
L3026	ELJPA100KFB	CHIP INDUCTOR	1	
L3201	ELJPA220KFB	CHIP INDUCTOR	1	
L3202,03	J0JCC0000241	CHIP INDUCTOR	2	
L3204	EXCELDR35C	BEAD CHOKE	1	
L3205	G0C101K00023	PEAKING COIL	1	
L3304-07	J0JCC0000241	CHIP INDUCTOR	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3811,12	EXC3BB221H	BEAD CHOKE	2	
L3813,14	J0JCC0000364	CHIP INDUCTOR	2	
L4001	J0JHC0000078	CHIP INDUCTOR	1	
L4002	G1C100KA0008	INDUCTOR COIL	1	
L4003,04	J0JHC0000078	CHIP INDUCTOR	2	
L4006-08	J0JHC0000078	CHIP INDUCTOR	3	
L4014,15	J0JHC0000078	CHIP INDUCTOR	2	
L4016	J0JCC0000241	CHIP INDUCTOR	1	
L4017-19	J0JHC0000078	CHIP INDUCTOR	3	
L4020	J0JCC0000241	CHIP INDUCTOR	1	
L4021	J0JHC0000078	CHIP INDUCTOR	1	
L4022	TALC168T100K	CHIP INDUCTOR COIL	1	G1C100KA0009
L4023-26	J0JCC0000241	CHIP INDUCTOR	4	
L4028,29	J0JHC0000078	CHIP INDUCTOR	2	
L4030	J0JHC0000045	CHIP INDUCTOR	1	
L4034	J0JHC0000045	CHIP INDUCTOR	1	
L4037,38	J0JHC0000045	CHIP INDUCTOR	2	
L4039	J0JHC0000078	CHIP INDUCTOR	1	
L4041,42	J0JHC0000078	CHIP INDUCTOR	2	
L4043	J0JCC0000241	CHIP INDUCTOR	1	
L4046	J0JHC0000078	CHIP INDUCTOR	1	
L4052	J0JCC0000241	CHIP INDUCTOR	1	
L4054	G1C220MA0077	INDUCTOR COIL	1	
L4055	G1C470MA0078	INDUCTOR COIL	1	
L4056	G1C220M00041	INDUCTOR COIL	1	
L4057	G1C220MA0077	INDUCTOR COIL	1	
L4058-60	J0JHC0000078	CHIP INDUCTOR	3	
L4062	J0JHC0000078	CHIP INDUCTOR	1	
L4063	J0JCC0000241	CHIP INDUCTOR	1	
L4065,66	J0JCC0000241	CHIP INDUCTOR	2	
L4068-70	J0JCC0000241	CHIP INDUCTOR	3	
L4073	J0JHC0000078	CHIP INDUCTOR	1	
L4075	J0JHC0000078	CHIP INDUCTOR	1	
L4079	J0JCC0000241	CHIP INDUCTOR	1	
L4081,82	J0JCC0000241	CHIP INDUCTOR	2	
L4087	J0JHC0000078	CHIP INDUCTOR	1	
L4088	J0JCC0000241	CHIP INDUCTOR	1	
L4090-93	J0JHC0000078	CHIP INDUCTOR	4	
L4095,96	J0JHC0000078	CHIP INDUCTOR	2	
L5001-03	J0JHC0000045	CHIP INDUCTOR	3	
L5007	J0JHC0000045	CHIP INDUCTOR	1	
L5012	J0JHC0000045	CHIP INDUCTOR	1	
L5015-18	J0MAB0000176	LC FILTER	4	
L5021	J0JHC0000045	CHIP INDUCTOR	1	
L5022	J0JCC0000166	CHIP INDUCTOR	1	
L6504	J0JHC0000045	CHIP INDUCTOR	1	
L6701,02	J0JHC0000045	CHIP INDUCTOR	2	
L7102	G0A220GA0002	CHOKE COIL	1	
L7106	EXCELSA35	BEAD CHOKE	1	
L7108	TALL08N221KA	INDUCTION COIL	1	G0A221DA0010
L7201	G0A680GA0002	INDUCTION COIL	1	
L7702	VLQSH02R101K	PEAKING COIL	1	
L7752	G0A221ZA0047	CHOKE COIL	1	
L7959	TALL08N151KA	INDUCTOR COIL	1	G0C151K00004

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L7962	G0A100GA0013	CHOKE COIL	1	G0C151K00004
LF7001,02	G0B852H00001	CHOKE COIL	2	⚠
LF7003	G0B552H00001	CHOKE COIL	1	⚠
LF7004	G0B601H00002	CHOKE COIL	1	⚠
NPM	ETXMM565MBB	POWER UNIT	1	⚠
NPM	RD-SD008	MODULE SD	1	
PA6701	K5H1622A0023	FUSE	1	
PC7102	CNC1S171R	IC	1	⚠
Q1003	2SA207700L	TRANSISTOR	1	
Q1101	2SC584500L	TRANSISTOR	1	
Q1105	2SC584500L	TRANSISTOR	1	
Q1112	UN5211	TRANSISTOR	1	UNR5211
Q1113	UN5111	TRANSISTOR	1	UNR5111
Q1114	UN5211	TRANSISTOR	1	UNR5211
Q1118	UN5211	TRANSISTOR	1	UNR5211
Q1119	2SA207700L	TRANSISTOR	1	
Q2011,12	2SA207700L	TRANSISTOR	2	
Q2016	2SD601A	TRANSISTOR	1	2SD0601A
Q2017	2SA207700L	TRANSISTOR	1	
Q2102-05	2SA207700L	TRANSISTOR	4	
Q2113	2SD601A	TRANSISTOR	1	2SD0601A
Q2114,15	2SD13280TL	TRANSISTOR	2	
Q3008	2SA207700L	TRANSISTOR	1	
Q3009	2SD601A	TRANSISTOR	1	2SD0601A
Q3011-15	2SA207700L	TRANSISTOR	5	
Q3017,18	2SA207700L	TRANSISTOR	2	
Q3023	2SD601A	TRANSISTOR	1	2SD0601A
Q3024,25	2SD13280TL	TRANSISTOR	2	
Q3028	2SA207700L	TRANSISTOR	1	
Q3201	2SA207700L	TRANSISTOR	1	
Q3204	2SA207700L	TRANSISTOR	1	
Q3205,06	2SD601A	TRANSISTOR	2	2SD0601A
Q3331-33	2SC2480	TRANSISTOR	3	
Q4001	2SA207700L	TRANSISTOR	1	
Q4007,08	2SA207700L	TRANSISTOR	2	
Q4010-12	2SC584500L	TRANSISTOR	3	
Q4018-20	2SA207700L	TRANSISTOR	3	
Q4024	2SD1030	TRANSISTOR	1	
Q4025,26	2SC584500L	TRANSISTOR	2	
Q4030-32	2SD1030	TRANSISTOR	3	
Q4037	UN2211	TRANSISTOR	1	UNR2211
Q4038,39	2SC584500L	TRANSISTOR	2	
Q4040	2SA207700L	TRANSISTOR	1	
Q4041-46	2SC584500L	TRANSISTOR	6	
Q4047,48	2SA207700L	TRANSISTOR	2	
Q4049,50	UN5211	TRANSISTOR	2	UNR5211
Q4052	UN5211	TRANSISTOR	1	UNR5211
Q4053	UN2215	TRANSISTOR	1	UNR2215

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q4058	2SC584500L	TRANSISTOR	1	
Q4060-62	2SC584500L	TRANSISTOR	3	
Q4065	2SC584500L	TRANSISTOR	1	
Q4068	2SC584500L	TRANSISTOR	1	
Q4073	2SC584500L	TRANSISTOR	1	
Q4074	XN6501	TRANSISTOR	1	XN06501
Q4075	UN5211	TRANSISTOR	1	UNR5211
Q4076	2SA207700L	TRANSISTOR	1	
Q4077	2SC584500L	TRANSISTOR	1	
Q4080	2SC584500L	TRANSISTOR	1	
Q5001	B1MBACA00008	TRANSISTOR	1	
Q5002,03	2SD601A	TRANSISTOR	2	2SD0601A
Q5004	2SC584500L	TRANSISTOR	1	
Q6501	2SD601A	TRANSISTOR	1	2SD0601A
Q6502	B1DHDC000028	TRANSISTOR	1	
Q6701	UN5211	TRANSISTOR	1	UNR5211
Q6702	2SC2412K	TRANSISTOR	1	
Q6703,04	UN5211	TRANSISTOR	2	UNR5211
Q7101-03	2SD601A	TRANSISTOR	3	2SD0601A
Q7202	2SD602	TRANSISTOR	1	
Q7203,04	2SD601A	TRANSISTOR	2	2SD0601A
Q7205,06	2SB709A	TRANSISTOR	2	2SB0709A
Q7207	2SD601A	TRANSISTOR	1	2SD0601A
Q7208	2SC584500L	TRANSISTOR	1	
Q7210	2SA207700L	TRANSISTOR	1	
Q7211	2SD602	TRANSISTOR	1	
Q7212	2SC584500L	TRANSISTOR	1	
Q7214	2SD601A	TRANSISTOR	1	2SD0601A
Q7251,52	2SD601A	TRANSISTOR	2	2SD0601A
Q7301,02	UN2210	TRANSISTOR	2	UNR2210
Q7401,02	UN2210	TRANSISTOR	2	UNR2210
Q7501	UN2214	TRANSISTOR	1	UNR2214
Q7502,03	B1DHDD000033	TRANSISTOR	2	
Q7504-06	UN2214	TRANSISTOR	3	UNR2214
Q7601	2SD602	TRANSISTOR	1	
Q7701	UN2210	TRANSISTOR	1	UNR2210
Q7702	2SC584500L	TRANSISTOR	1	
Q7751	UN2214	TRANSISTOR	1	UNR2214
R1002	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1005	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1009	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1010	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R1011	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R1012	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R1013	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1016	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1101-03	ERJ3GEYJ223	M 22KOHM,J,1/16W	3	
R1105	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1106	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1107	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R1110	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1111	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1112	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1113	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1115	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1116	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R1117	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R1119	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R1120	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1121	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R1122	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R1123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1125	EXB2HV680J	RESISTOR ARRAY	1	
R1127	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1128	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1130	EXB38V680J	RESISTOR ARRAY	1	
R1135	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1137,38	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R1139	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1140	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1143	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1144-47	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R1153	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1158	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1160	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R1161	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1162	EXB2HV680J	RESISTOR ARRAY	1	
R1164	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R1165	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1166	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1171	ERJ3GEYJ820	M 82 OHM,J,1/16W	1	
R1174	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1176	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1177	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R1178	EXB2HV680J	RESISTOR ARRAY	1	
R1180	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1183	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R1184	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1186	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1187	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1188	D1HG5608A002	NETWORK RESISTER	1	
R1190	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1192	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1194,95	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1199	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R1200	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1201	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R1202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1203,04	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	ERJ3GEYJ680V
R1205	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1210,11	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R1212	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1213	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1214	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R1215	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1217	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R1221	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1223	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1224	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R1225	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1226	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R1227	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1228,29	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	ERJ3GEYJ680V
R1230	D1HG5608A002	NETWORK RESISTER	1	
R1231	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1233,34	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R1236	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R1239,40	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R1243	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1245	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1246	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1247-50	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R1253	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1255,56	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R1257	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1258	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1259,60	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R1261	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R1262	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1263	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1264	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1265	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1267	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1269	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1270,71	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R1273	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1274	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1275,76	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R1278	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1279	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1281	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1282-87	ERJ3GEYJ512	M 5.1KOHM,J,1/16W	6	
R1288,89	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R1290	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1291	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1296	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1298,99	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1301	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1303-05	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R1306	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1313	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R1319-26	J0JDC0000054	CHIP INDUCTOR	8	ERJ3GEY0R00
R1328,29	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1331	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1332	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1335	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1337,38	EXB2HV680J	RESISTOR ARRAY	2	
R2001,02	ERJ3GEYJ184	M 180KOHM,J,1/16W	2	
R2056	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R2057	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2058	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2059	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2060	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R2061	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2068	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R2069	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R2070	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2121	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2124,25	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R2130,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2139,40	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2147	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2148,49	ERJ3GEYJ273	M 27KOHM,J,1/16W	2	
R2151	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2152	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R2155-60	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R2162	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2170-73	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2176,77	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2178,79	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2180,81	ERJ3GEYJ561	M 560 OHM,J,1/16W	2	
R2182,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2198	ERJ3EKF1781	M1.78KOHM, 1/16W	1	
R2201	ERJ3EKF1601	M 1.6KOHM, 1/16W	1	
R2202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R2221	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2231	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2244	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2245	ERJ3GEYJ4R7	M 4.7HM,J,1/16W	1	D0GB4R7JA002
R2246	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2247	ERJ3GEYJ4R7	M 4.7HM,J,1/16W	1	D0GB4R7JA002
R2248	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2249	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2252	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2301	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2303,04	ERJ3GEYJ153	M 15KOHM,J,1/16W	2	
R2306	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2319,20	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2321,22	ERJ3GEYJ433	M 43KOHM,J,1/16W	2	
R2327,28	ERJ3GEYJ203	M 20KOHM,J,1/16W	2	
R2329,30	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2332	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2334	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R2335	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2337	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R2338-41	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	4	
R2555	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2557	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2559	D0GB474JA007	M 470KOHM,J,1/16W	1	
R2560	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R2561	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2562	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2563	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2564	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2565	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2566	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R2569	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R2570	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R2571	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2572	D0GB474JA007	M 470KOHM,J,1/16W	1	
R2573	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R2574	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2575	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2576	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2577	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2578	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2579	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R2582	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R2583	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R2584	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2585	D0GB474JA007	M 470KOHM,J,1/16W	1	
R2586	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R2587	D0GD390JA016	M 39 OHM,J,1/10W	1	
R2588	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2589	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2590	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2591	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2592	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R2595	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R2596	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R2597	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2598	D0GB474JA007	M 470KOHM,J,1/16W	1	
R2599	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R2600	D0GD390JA016	M 39 OHM,J,1/10W	1	
R2601	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2602	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2603	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2604	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2605	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R2608	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R2609	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2610	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2611	ERJ6ENF6800	M 680 OHM, 1/10W	1	
R2623	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2625	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2626-28	ERJ6ENF6800	M 680 OHM, 1/10W	3	
R2634,35	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2643	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2647	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3048	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3049-51	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R3065	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3067	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3068	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R3069	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3071	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3072	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3073	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3074,75	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3080	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3085	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3086	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3087	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3089,90	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094,95	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3099,00	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3106	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3115-18	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R3119,20	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3121	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3122	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3123	ERJ3EKF82R0	M 82 OHM, 1/16W	1	
R3124	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3128	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3129	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3135	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3138	ERJ3EKF82R0	M 82 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3142	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3143	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3151	ERJ6GEYJ680	M 68 OHM,J,1/10W	1	
R3152,53	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R3154	ERJ6GEYJ680	M 68 OHM,J,1/10W	1	
R3157,58	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3159	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3161	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3162	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3164	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3166-68	ERJ3EKF75R0	M 0.75HM, 1/16W	3	
R3170	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3171	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3173	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R3176	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R3178	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3180-85	ERJ3GEYJ223	M 22KOHM,J,1/16W	6	ERJ6GEYJ223
R3188,89	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3190-94	ERJ6ENF75R0	M 75 OHM, 1/10W	5	
R3195	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3196-99	ERJ6ENF75R0	M 75 OHM, 1/10W	4	
R3200,01	ERJ6ENF2202	M 2.2KOHM, 1/10W	2	
R3202	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3203,04	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3205	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3212	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3215-21	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R3224	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R3227	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3228	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3229	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3232,33	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3234	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3242	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R3245	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3252	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3254	ERJ12Y0R00	M 0 OHM,J, 1/2W	1	
R3258	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3260	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3261,62	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3263,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3302	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3305	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3306,07	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3308,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3310	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3311	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3312	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3316	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3319	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3325	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3341,42	ERJ3GEYJ183	M 18KOHM,J,1/16W	2	
R3343	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3344	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R3345,46	ERJ3GEYJ183	M 18KOHM,J,1/16W	2	
R3347	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3348	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R3349,50	ERJ3GEYJ183	M 18KOHM,J,1/16W	2	
R3351	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3352	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3361-63	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R3364-68	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R3891	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3903	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3904-07	ERJ6GEYJ184	M 180KOHM,J,1/10W	4	
R3918	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R3919	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R3927	ERJ6ENF6802	M 68KOHM, 1/10W	1	
R3941	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R4006-11	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R4013	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4015	ERJ3GEYJ180	M 18 OHM,J,1/16W	1	
R4016	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4017,18	ERJ3GEYJ180	M 18 OHM,J,1/16W	2	
R4019	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4020	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R4021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4042	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4049	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4054	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4061	J0JDC0000054	CHIP INDUCTOR	1	
R4062	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4063	J0JDC0000054	CHIP INDUCTOR	1	
R4064	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4066-68	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R4069,70	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4071	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4072	J0JDC0000054	CHIP INDUCTOR	1	
R4073	EXB38V220J	RESISTOR ARRAY	1	
R4075	EXB38V220J	RESISTOR ARRAY	1	
R4076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4077	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4078	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4079	EXB38V220J	RESISTOR ARRAY	1	
R4080-83	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4084,85	EXB38V220J	RESISTOR ARRAY	2	
R4086-88	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R4089	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R4091	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R4093	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R4095	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R4096,97	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R4098	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R4099	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4109	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4112	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R4118,19	ERJ3EKF4700	M 470 OHM, 1/16W	2	
R4123,24	ERJ3EKF3601	M 3.6KOHM, 1/16W	2	
R4134	ERJ3EKF1331	M13.3KOHM, 1/16W	1	
R4138,39	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	
R4140	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R4150-52	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4153	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4156	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R4157,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4159,60	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4166-68	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4169-71	ERJ3GEYJ151	M 150 OHM,J,1/16W	3	
R4172-74	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	3	
R4175	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4176,77	ERJ3EKF1200	M 120 OHM, 1/16W	2	
R4178	ERJ3EKF68R0	M 68 OHM,J,1/16W	1	
R4179	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4182,83	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4185-87	ERJ3EKF68R0	M 68 OHM,J,1/16W	3	
R4189-94	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R4196	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4197	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4198	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4199	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4200	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4201	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4202	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4203	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4205-07	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4208	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R4209	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4210-12	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4213	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4214	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4217-19	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4220	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4222	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4223	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4224	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4225	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4226	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4227	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4228	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4229,30	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4231	ERJ3GEYJ911	M 910 OHM,J,1/16W	1	
R4232-35	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4237	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4240	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4241	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4242	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4244	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4246,47	J0JHC0000078	CHIP INDUCTOR	2	
R4250-53	ERJ3GEYJ680	M 68 OHM,J,1/16W	4	ERJ3GEYJ680V
R4256	ERJ3EKF68R0	M 68 OHM,J,1/16W	1	
R4257	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4261	ERJ3EKF68R0	M 68 OHM,J,1/16W	1	
R4262	ERJ3GEYJ510	M 51 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4263	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4265	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4267	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4268	ERJ3GEYJ510	M 51 OHM,J,1/16W	1	
R4269	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R4270	ERJ3EKF1200	M 120 OHM, 1/16W	1	
R4271	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4272	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4276	D1HG5608A002	NETWORK RESISTER	1	
R4277,78	EXB38V560J	RESISTOR ARRAY	2	
R4283	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4294,95	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4296,97	D1HG5608A002	NETWORK RESISTER	2	
R4298	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4299-01	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4302,03	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R4304	EXB38V560J	RESISTOR ARRAY	1	
R4305,06	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4307	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4308,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4310,11	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4312	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R4313	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4314,15	ERJ3EKF5102	M51.0KOHM, 1/16W	2	
R4321	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4322	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4324	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4325	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4326	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4327	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4328-30	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R4331	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4333	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4336	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R4338,39	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4340,41	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R4342	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4344,45	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R4348,49	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4350	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4351-54	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R4355	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R4356	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R4357	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4358	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4359,60	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4361-65	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4366-69	D1HG5608A002	NETWORK RESISTER	4	
R4370,71	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4372	ERJ3GEYJ820	M 82 OHM,J,1/16W	1	
R4373	D1HG5608A002	NETWORK RESISTER	1	
R4374-76	ERJ3GEYJ560	M 56 OHM,J,1/16W	3	
R4377	D1HG5608A002	NETWORK RESISTER	1	
R4381-84	ERJ3GEYJ680	M 68 OHM,J,1/16W	4	ERJ3GEYJ680V

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4386	EXB2HV680J	RESISTOR ARRAY	1	
R4388	EXB2HV680J	RESISTOR ARRAY	1	
R4390	EXB2HV680J	RESISTOR ARRAY	1	
R4392	EXB2HV680J	RESISTOR ARRAY	1	
R4393	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R4397	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R4398	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4399-01	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4402	EXB38V680J	RESISTOR ARRAY	1	
R4403	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4405	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R4406,07	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4411	EXB2HV680J	RESISTOR ARRAY	1	
R4412	EXB38V680J	RESISTOR ARRAY	1	
R4413,14	ERJ3EKF3002	M 30KOHM, 1/16W	2	
R4421	ERJ3GEYJ820	M 82 OHM,J,1/16W	1	
R4422,23	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4424	ERJ3GEYJ820	M 82 OHM,J,1/16W	1	
R4425	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4426-30	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4431	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4432,33	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	ERJ3GEYJ680V
R4435	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4437	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4439	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4451	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4452-57	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R4458	ERJ3EKF5602	M 56KOHM, 1/16W	1	
R4459	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R4461,62	ERJ3GEYJ563	M 56KOHM,J,1/16W	2	
R4463	ERJ3GEYJ154	M 150KOHM,J,1/16W	1	
R4465	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R4466	ERJ3GEYJ154	M 150KOHM,J,1/16W	1	
R4467	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4468,69	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4470,71	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R4472	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R4473	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R4474,75	ERJ3EKF4702	M 47KOHM, 1/16W	2	
R4476,77	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R4478,79	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4480-82	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4484-90	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R4494	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4495	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4497	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R4498-00	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R4501	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R4502	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4503-05	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4506	ERJ3EKF6200	M 620 OHM, 1/16W	1	
R4507	EXB2HV220JV	RESISTOR ARRAY	1	
R4508	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R4509	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4510	EXB2HV220JV	RESISTOR ARRAY	1	
R4511,12	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4513	ERJ3GEYJ564	M 560KOHM,J,1/16W	1	
R4514	EXB2HV220JV	RESISTOR ARRAY	1	
R4515,16	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4521	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4530	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4548	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4549	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4550	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4553	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4554	ERJ3EKF1801	M 1.8KOHM, 1/16W	1	
R4556	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4557	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R4559-61	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4567	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4568	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R4569	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R4575	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4584	J0JDC0000054	CHIP INDUCTOR	1	
R4586	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4593,94	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4595,96	ERJ3EKF1581	M1.58KOHM, 1/10W	2	
R4597-00	ERJ6GEYJ102	M 1KOHM,J,1/10W	4	
R4604	ERJ3EKF4220	M 422 OHM, 1/10W	1	
R4606	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4607,08	ERJ3EKF3001	M 3KOHM, 1/16W	2	
R4609	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4610	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4611	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4612	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R4613,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4615	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R4616,17	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4626	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R4627	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4628	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4631	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4633	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4634	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4635	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R4636	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4638	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4641	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4643	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4644	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4645	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R4647	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4648	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4649	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4651	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4653,54	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4658	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R4659	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4660	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4662	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4664-67	J0JDC0000054	CHIP INDUCTOR	4	
R4669,70	J0JDC0000054	CHIP INDUCTOR	2	
R4678	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4681,82	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4685	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4686	ERJ3EKF9100	M 910 OHM, 1/16W	1	
R4687	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R4688	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4689	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4690	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4691,92	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4693,94	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4695	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4697	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4698	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R4699	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4700,01	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R4702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4703	ERJ3EKF8200	M 820 OHM, 1/16W	1	
R4704	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4706	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4709	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4712	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4713,14	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	ERJ3GEYJ680V
R4715	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R4716-19	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R4722,23	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R4724	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4732,33	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4740-43	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4745	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4746,47	ERJ3EKF3002	M 30KOHM, 1/16W	2	
R4748	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R4749	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4750	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4751	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R4752	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4753-56	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4757-59	ERJ3GEYJ151	M 150 OHM,J,1/16W	3	
R4760	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4761,62	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4764	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R4768	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4769,70	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4778	EXB38V560J	RESISTOR ARRAY	1	
R4779	ERJ3GEYJ820	M 82 OHM,J,1/16W	1	
R4781	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4800-02	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4806-08	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4809-11	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R4812	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R4816-20	ERJ3GEY0R00	M 0 OHM, 1/16W	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4827	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5002,03	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R5006	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5007	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5011	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5013	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5014,15	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R5017	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R5018	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5019	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R5020	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5021	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5022	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5023	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R5024,25	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R5030	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5033-35	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R5036	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5037-39	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R5040	EXB38V330J	RESISTOR ARRAY	1	
R5041,42	ERJ3GEYJ330	M 33 OHM,J,1/16W	2	
R5043	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5077,78	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R5176	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5334	D1HG5608A002	NETWORK RESISTER	1	
R5335	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R5336	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R5337,38	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R5347-50	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R5353	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5354	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R5356	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R5359	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R5366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5367	D1HG5608A002	NETWORK RESISTER	1	
R5369-72	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R5374	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5375	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R5376	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R5391	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5392,93	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R5394,95	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R5396	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R5399	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R6501-03	EXB38V560J	RESISTOR ARRAY	3	
R6535,36	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R6537,38	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R6542,43	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R6546,47	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R6549,50	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R6562-65	EXB38V560J	RESISTOR ARRAY	4	
R6566-76	ERJ3GEYJ560	M 56 OHM,J,1/16W	11	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6589	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6590	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R6591	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R6592,93	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R6596	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R6597	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6598,99	EXB38VR000	RESISTOR ARRAY	2	
R6600	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6601	EXB38VR000	RESISTOR ARRAY	1	
R6602	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6603	EXB38VR000	RESISTOR ARRAY	1	
R6604	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6605	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R6702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6703-05	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R6707	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R6715	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R6716,17	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6718-20	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6721	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6722,23	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R6732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6734	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R6736	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6742	ERJ6GEYJ820	M 82 OHM,J,1/10W	1	
R6743	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6745	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6747	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6749	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R6755-59	ERJ6GEY0R00	M 0 OHM, 1/10W	5	
R6765-68	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R6771,72	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6780-83	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R6784	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6785,86	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R6788-92	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R6793	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R7001	ERC12ZGK105	S 1MOHM, K,1/2W	1	⚠
R7003	ERD75TAJ825	C 8.2MOHM, J,3/4W	1	⚠
R7004	ERF7ZK4R7	W 4.7 OHM, K, 7W	1	ERF5ZK4R7
R7051	ERG12SJ470P	M 47 OHM, J,1/2W	1	
R7102	ERX1SJR27P	M0.27 OHM, J, 1W	1	
R7103	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R7104	ERDS2TJ822	C 8.2KOHM, J,1/4W	1	
R7106	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R7108	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R7109,10	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R7111	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R7112	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7113	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7114	ERF2AJ330	W 33 OHM, J, 2W	1	
R7115	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R7119	ERDS2TJ563	C 56KOHM, J,1/4W	1	
R7121	ERDS2TJ431	C 430 OHM, J,1/4W	1	

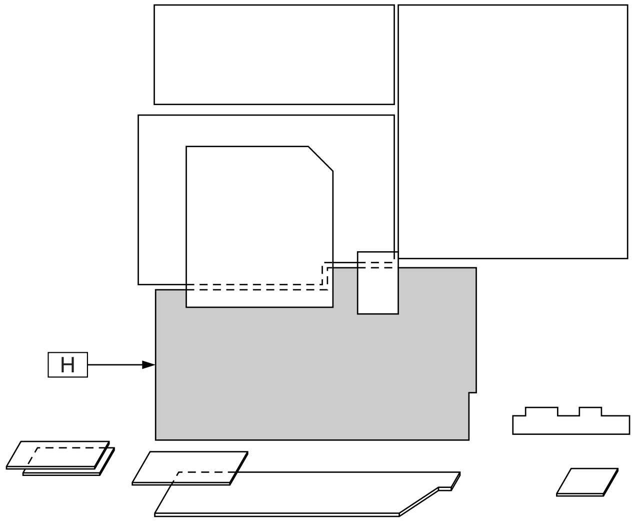
[illegible]	[illegible]	[illegible]	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7123	ERDS2TJ222	C 2.2KOHM, J,1/4W	1	
R7124	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R7125	ER0S2CKF1052	M10.5KOHM, F,1/4W	1	
R7126	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R7127,28	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R7130	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7133	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7136	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7204	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7205,06	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R7207	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R7208	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7209	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7210,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R7212	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7213-16	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	4	
R7217	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R7218	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7219	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7220	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7221	ERJ14YJ222	M 22KOHM, J,1/4W	1	
R7223	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R7224	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R7225	ERJ14YJ222	M 22KOHM, J,1/4W	1	
R7226	ERG2FJ560H	M 56 OHM, J, 2W	1	
R7227	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7228,29	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R7232	ERJ14YJ332	M 33KOHM, J,1/4W	1	
R7234,35	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7236	ERJ14YJ332	M 33KOHM, J,1/4W	1	
R7237,38	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R7241	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7242	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R7243	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R7247	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R7248	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R7250	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7251,52	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R7253,54	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R7255	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7300	K5G4023A0003	FUSE	1	
R7301	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R7302	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7303	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7304	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7305	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7400	K5G4023A0003	FUSE	1	
R7402	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7403	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7404	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7405	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7406	ERJ6ENF3401	M 3.4KOHM, 1/10W	1	
R7407	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R7501,02	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7503	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R7504	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7505	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7506	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R7507	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7509	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7510	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R7513,14	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R7602	ERG1SJ330P	M 33 OHM, J, 1W	1	
R7603	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7702	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R7703	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R7704	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7705	ERJ12YJ471	M 470OHM,J, 1/2W	1	
R7707	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R7708	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7709	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R7710	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R7711	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R7751	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R7752	ERJ6ENF3091	M3.09KOHM, 1/10W	1	
R7753	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7953	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7955	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7960	K5G2523A0003	FUSE	1	
RL7001,02	K6B1ADA00010	RELAY	2	⚠
RM1001	PNA4701M05TV	REMOCO RECEIVER	1	
RTL	TNPA3489AD	CIRCUIT BOARD G	1	⚠
RTL	TXN/H10LWN	CIRCUIT BOARD H	1	⚠
RTL	TNPA3679AA	CIRCUIT BOARD K	1	⚠
RTL	TNPA3678AA	CIRCUIT BOARD V	1	⚠
RTL	TNPA3681AA	CIRCUIT BOARD AP	1	⚠
RTL	TXNDG10LAP	CIRCUIT BOARD DG	1	26 INCH ⚠
RTL	TXNDG10LWN	CIRCUIT BOARD DG	1	32 INCH ⚠
RTL	TXNDV10LWM	CIRCUIT BOARD DV	1	⚠
RTL	TNPA3491AA	CIRCUIT BOARD GP	1	⚠
RTL	TNPA3680AA	CIRCUIT BOARD GS	1	⚠
RTL	L5EDD6Q00006	LCD PANEL	1	26 INCH ⚠
RTL	L5EDD8Q00010	LCD PANEL	1	32 INCH ⚠
SN1001	B3L000000020	IC	1	
SW001	ESB92S11B	SWITCH	1	⚠
SW3802-06	EVQPB105K	SWITCH	5	
T7101	ETS25AD1N6AG	SWITCHING TRANS	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
TU3201	ENG39A02GF	TUNER	1	⚠
V1	K1KA10BA0062	10P CONNECTOR	1	
X1101	H0J600400006	CRYSTAL	1	
X2101	H0J184500027	CRYSTAL	1	
X4001	H0J202500016	CRYSTAL	1	
X4002	H0J270500087	CRYSTAL	1	
ZA2101-03	TESA169	SHIELD CLIP	3	
ZA2105,06	TESA169	SHIELD CLIP	2	
ZA2108,09	TESA169	SHIELD CLIP	2	
ZA3201-05	K9ZZ00000424	CONNECTOR	5	
ZA4005-20	TESA169	SHIELD CLIP	16	
ZA4029-33	TESA169	SHIELD CLIP	5	
ZA5001	K4CD01000011	TERMINAL	1	
ZA5002,03	TESA169	SHIELD CLIP	2	
ZA5005	K4CD01000011	TERMINAL	1	
ZA7002-05	K9ZZ00000424	CONNECTOR	4	

15. Schematic Diagram for printing with A4



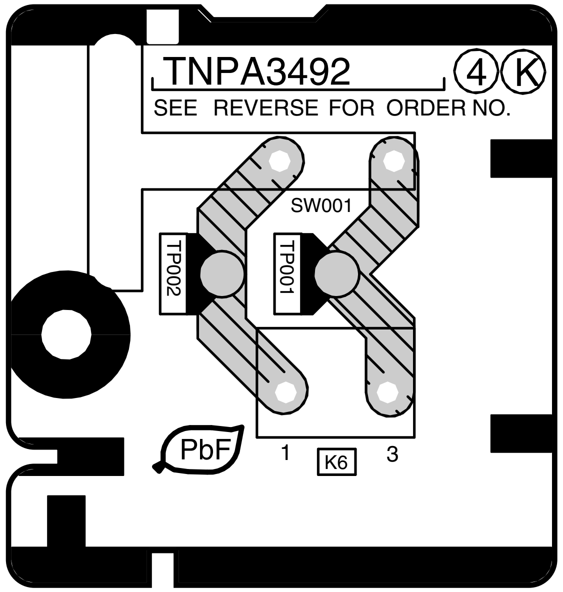
Parts Location

H-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC2101	F-2	Q3016	D-4
IC2102	G-2	Q3019	D-4
IC2104	G-3	Q3021	D-4
IC3302	H-4	Q3022	D-4

Parts Location

H-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TRANSISTOR**	
IC2103	D-4	Q2001	E-2	Q3002	E-4
IC2105	C-3	Q2002	E-2	Q3003	F-4
IC2106	C-3	Q2003	G-1	Q3004	E-4
IC2107	C-3	Q2004	G-2	Q3005	E-4
IC2108	D-3	Q2005	E-1	Q3006	E-4
IC2111	F-1	Q2006	F-2	Q3008	D-4
IC2112	F-1	Q2007	F-2	Q3009	D-4
IC2302	B-2	Q2008	F-2	Q3010	H-4
IC2303	A-2	Q2009	E-1	Q3011	E-4
IC3001	F-5	Q2010	E-2	Q3012	D-4
IC3002	F-5	Q2011	G-3	Q3013	D-4
IC3004	F-4	Q2012	G-3	Q3014	E-4
IC3005	G-5	Q2014	G-4	Q3015	E-4
IC3006	H-4	Q2016	G-4	Q3017	E-4
IC3301	B-1	Q2017	G-3	Q3018	D-4
		Q2102	C-2	Q3020	F-4
		Q2103	C-2	Q3023	G-5
		Q2104	C-3	Q3201	H-4
		Q2105	C-3	Q3202	H-4
		Q2106	D-2	Q3203	H-3
		Q2107	D-2	Q3204	G-3
		Q2108	D-2	Q3331	A-3
		Q2109	C-1	Q3332	B-3
		Q2112	B-2	Q3333	B-3
		Q2113	C-2		
		Q2114	C-2	**TP**	
		Q2115	C-2		
		Q2116	G-1	TP001	B-4
		Q2117	F-1	TP135	F-1
		Q2118	B-2		
		Q3001	F-4		

K-BOARD (FOIL SIDE)
TNPA3492AB


TNPA3492
④Ⓚ
SEE REVERSE FOR ORDER NO.
SW001
TP002
TP001
PbF
1
K6
3

Parts Location

K-BOARD	
TP	
TP001	B-5
TP002	A-4

Parts Location

V-BOARD			
TRANSISTOR		TP	
Q1001	F-4	TP1001	G-4
Q1003	D-4	TP1002	E-4
		TP1003	G-4
		TP1004	H-4
		TP1005	E-4
		TP1006	E-4
		TP1007	E-4
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		TP1010	H-4
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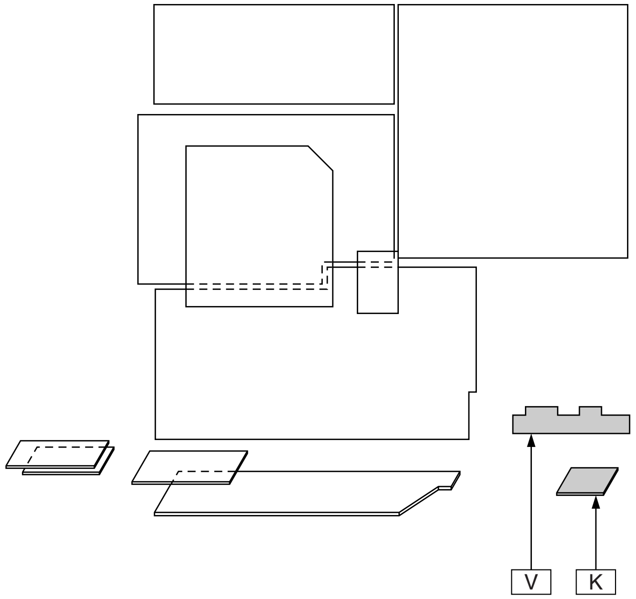
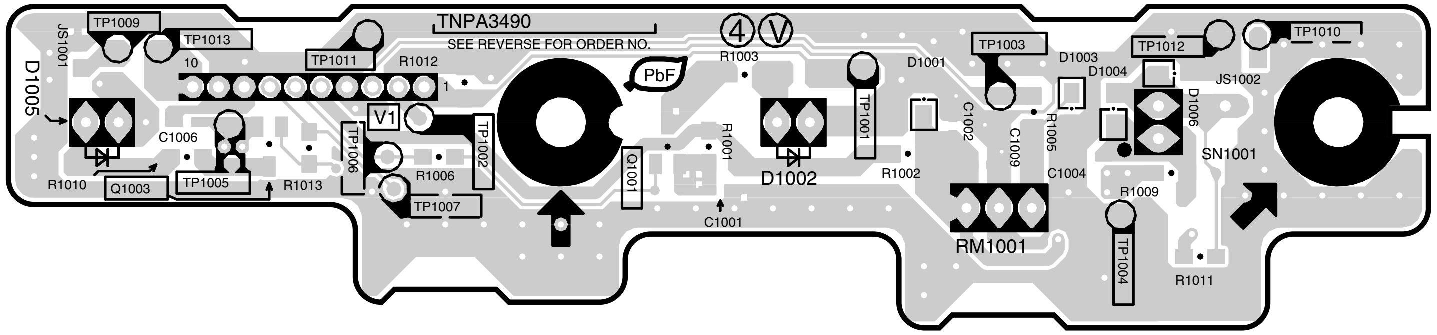
		TP1012	H-4
		TP1013	D-4



V-BOARD (FOIL SIDE)
TNPA3490AC (TX-26/32LXD500)
TNPA3490AD (TX-26/32LX500F/P)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SEE REVERSE FOR ORDER NO.
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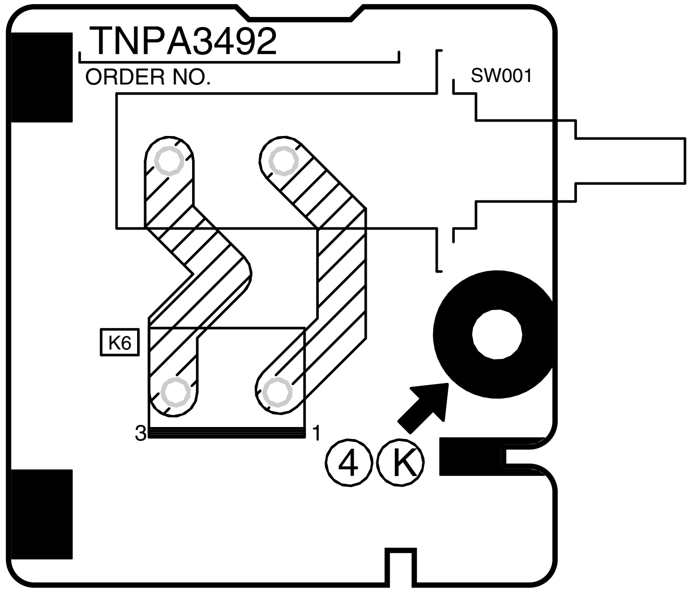
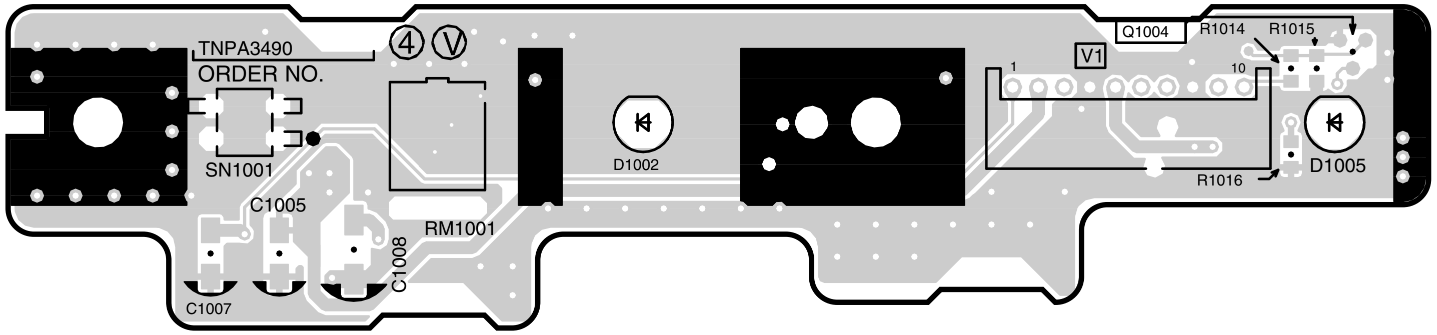
PbF
V1
JS1001
D1005
TP1009
TP1013
TP1011
R1012
10
1
C1006
R1010
Q1003
TP1005
R1013
TP1006
TP1002
R1006
TP1007
Q1001
R1003
R1001
C1001
D1002
TP1001
D1001
R1002
TP1003
C1002
C1009
R1005
D1003
D1004
C1004
RM1001
TP1012
D1006
JS1002
TP1010
SN1001
R1009
TP1004
R1011

K-BOARD (COMPONENT SIDE)
TNPA3492AB


TNPA3492
ORDER NO.
SW001
K6
3
1
④Ⓚ

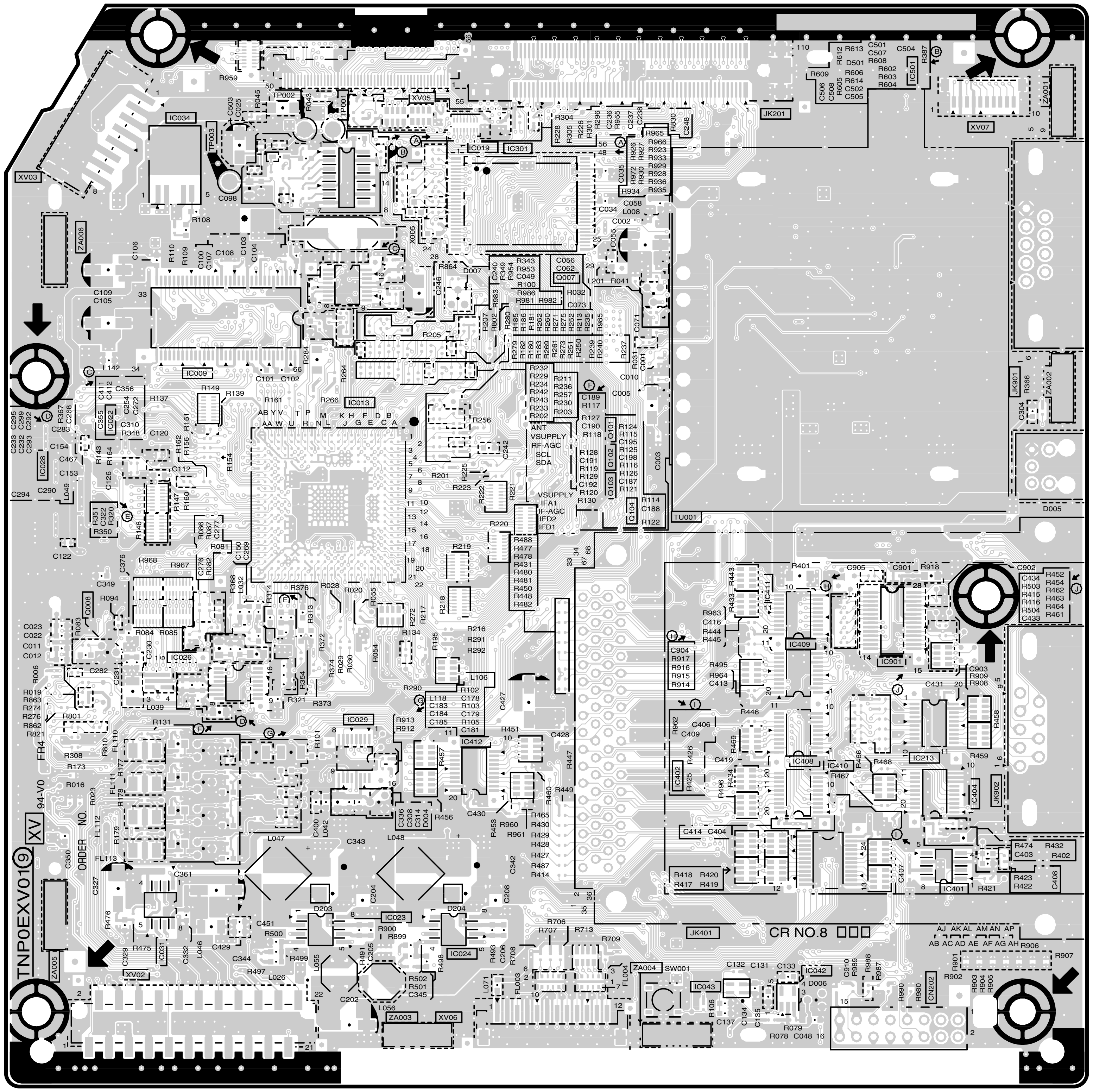
V-BOARD (COMPONENT SIDE)
TNPA3490AC (TX-26/32LXD500)
TNPA3490AD (TX-26/32LX500F/P)


TNPA3490
ORDER NO.
④Ⓥ
SN1001
C1005
C1007
C1008
RM1001
D1002
Q1004
R1014
R1015
V1
1
10
R1016
D1005

TX-26/32LXD500
TX-26/32LX500F/P K-BOARD TNPA3492AB
TX-26/32LXD500 V-BOARD TNPA3490AC
TX-26/32LX500F/P V-BOARD TNPA3490AD

TX-26/32LXD500
TX-26/32LX500F/P K-BOARD TNPA3492AB
TX-26/32LXD500 V-BOARD TNPA3490AC
TX-26/32LX500F/P V-BOARD TNPA3490AD

XV-BOARD (COMPONENT SIDE)
TNP0EXV01AD



6
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A
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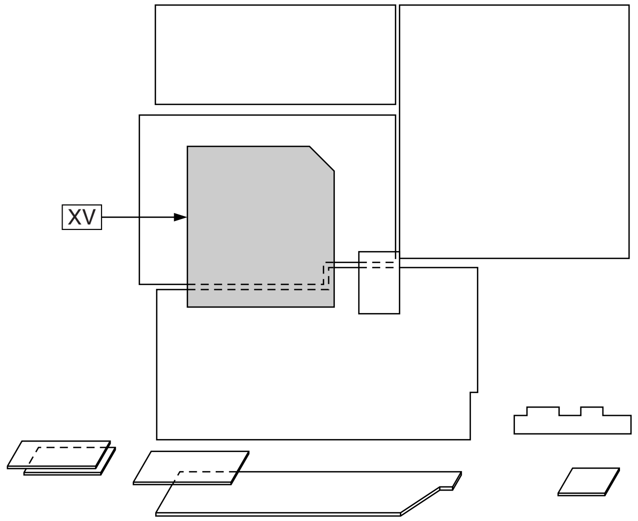
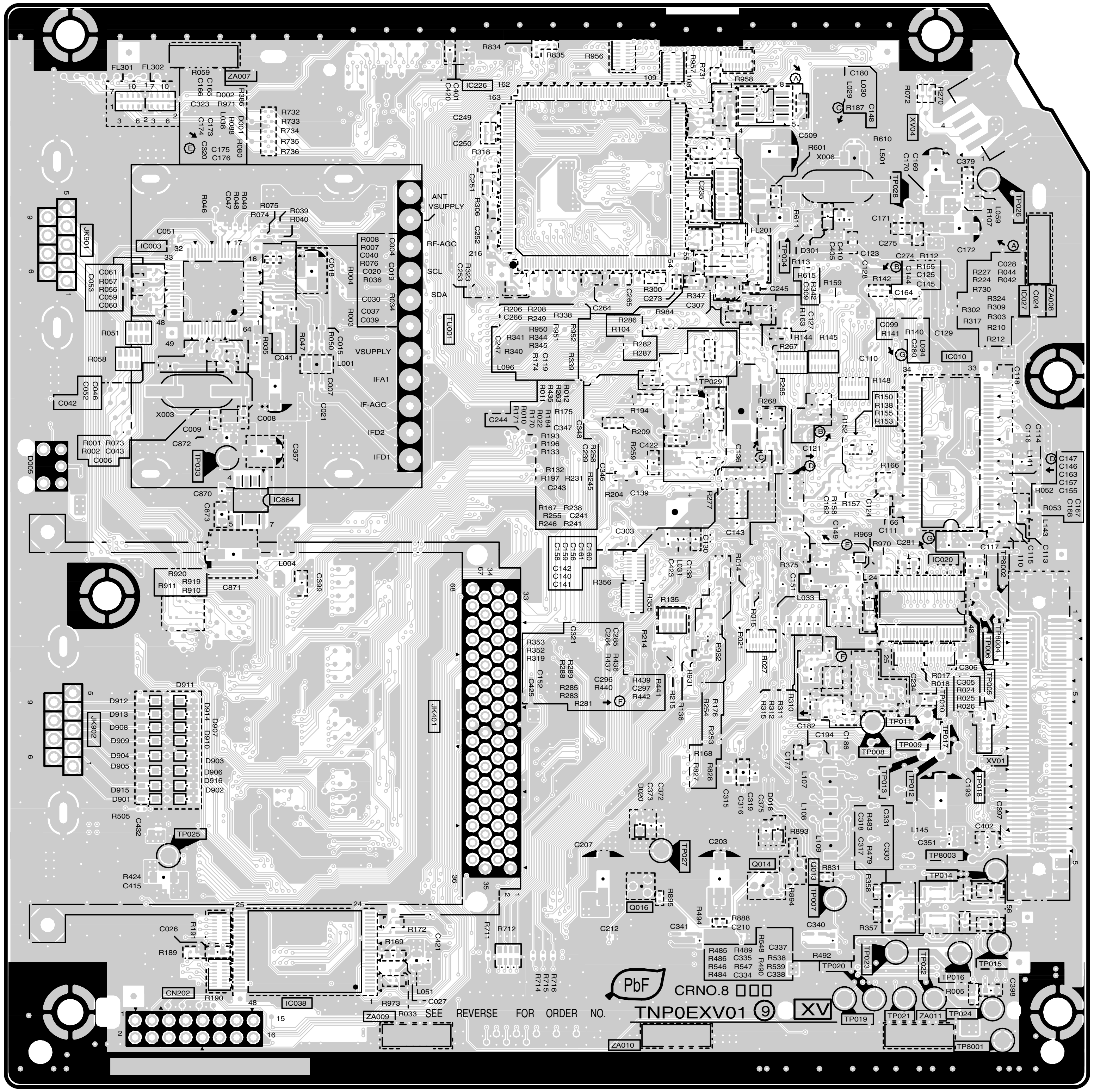
D
E
F
G
H
I
IC034
IC009
IC013
IC019
IC301
IC022
IC028
IC026
IC029
IC412
IC023
IC024
IC031
IC409
IC901
IC408
IC410
IC213
IC402
IC404
IC401
IC042
IC043
IC411
IC501
XV03
XV05
XV07
XV02
XV06
JK201
JK401
JK901
JK902
TU001
ZA001
ZA002
ZA003
ZA004
ZA005
ZA006
TP001
TP002
TP003
SW001
CN202
D005
CR NO.8
TNP0EXV01⑨
XV 94-V0
ORDER NO.
FR4

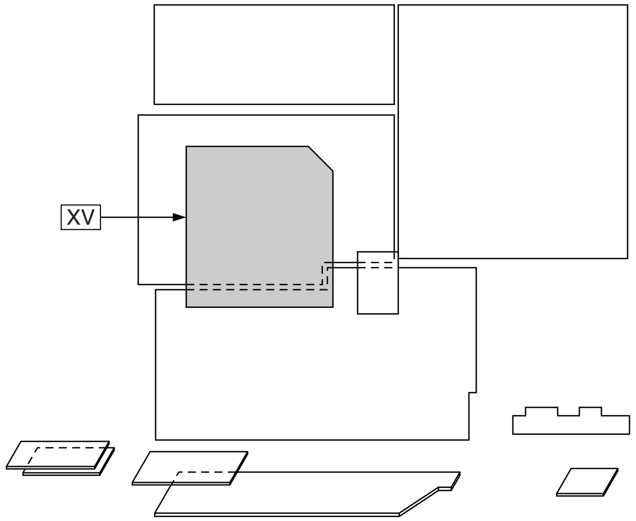


Parts Location

XV-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC8009	B-4	Q8007	C-5
IC8013	C-4	Q8008	A-3
IC8019	C-5	Q8101	D-4
IC8022	A-4	Q8102	D-4
IC8023	C-2	Q8103	D-4
IC8024	C-2	Q8104	D-4
IC8026	B-3		
IC8028	A-4	TP001	B-6
IC8029	C-3	TP002	B-6
IC8031	B-2	TP003	B-5
IC8034	B-5		
IC8042	E-1		
IC8043	D-1		
IC8213	E-2		
IC8301	C-5		
IC8401	E-2		
IC8402	D-2		
IC8404	E-2		
IC8408	E-2		
IC8409	E-3		
IC8410	E-2		
IC8411	D-3		
IC8412	C-3		
IC8501	E-6		
IC8901	E-3		

XV-BOARD (FOIL SIDE)
TNP0EXV01AD

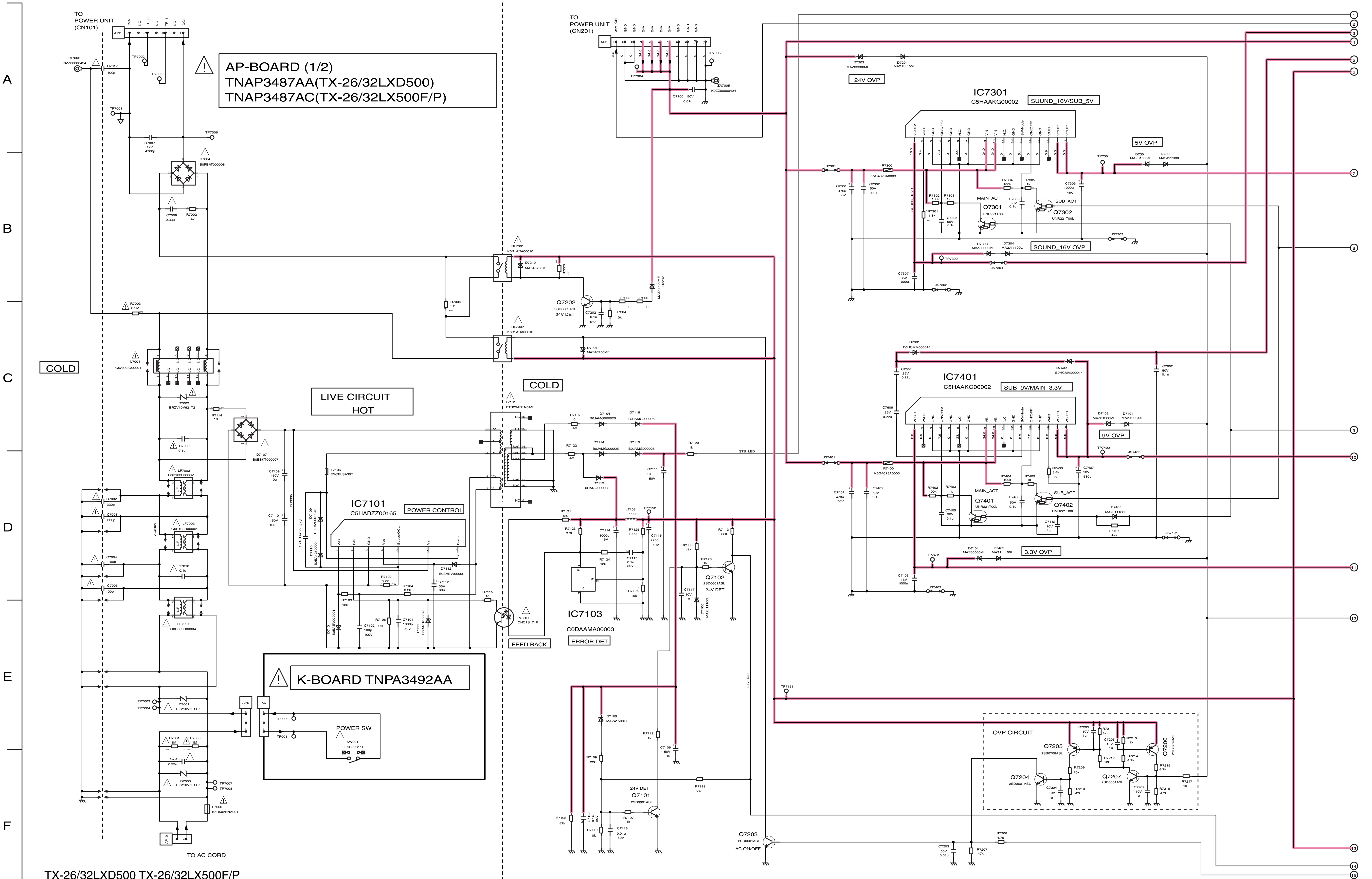




Parts Location

XV-BOARD (FOIL SIDE)

IC		TRANSISTOR		TRANSISTOR	
IC8003	B-5	Q8013	E-2	TP018	E-2
IC8010	E-4	Q8014	D-2	TP019	E-1
IC8020	E-3	Q8016	D-2	TP020	E-1
IC8027	F-5			TP021	E-1
IC8038	B-1	TP004	E-4	TP022	E-1
IC8226	C-6	TP005	E-2	TP023	E-1
IC8864	B-4	TP006	E-2	TP024	E-1
		TP007	E-2	TP025	B-2
		TP008	E-2	TP026	F-5
		TP009	E-2	TP027	D-2
		TP010	E-3	TP028	E-5
		TP011	E-2	TP029	D-4
		TP012	E-2	TP033	B-4
		TP013	E-2	TP8001	E-1
		TP014	E-2	TP8002	E-2
		TP015	F-2	TP8003	E-2
		TP016	E-1	TP8004	F-3
		TP017	E-2		


A
B
C
D
E
F
TO POWER UNIT (CN101)
AP2
DC-
NC
TP_2
NC
TP_1
NC
DC+
AP-BOARD (1/2)
TNAP3487AA(TX-26/32LXD500)
TNAP3487AC(TX-26/32LX500F/P)
ZA7002 K9ZZ00000424
C7012 100p
TP7002
TP7005
TP7001
C7007 1kV 4700p
TP7006
D7004 B0FBAT000008
C7008 0.33u
R7002 47
R7003 8.2M
L7001 G0A553G00001
COLD
D7002 ERZV10V621T2
R7114 10
C7009 0.1u
D7107 B0EBKT000007
LF7002 G0B103H00002
C7002 330p
C7003 330p
AC240V
LF7003 G0B103H00002
C7004 100p
C7010 0.1u
C7005 100p
LF7004 G0B302H00004
TP7003
TP7004
D7001 ERZV10V621T2
AP6
K6
K-BOARD TNPA3492AA
TP002
TP001
POWER SW
SW001 ESB92S11B
R7001 1M
R7005 1M
C7011 0.33u
D7003 ERZV10V621T2
TP7007
TP7008
F7000 K5D502BNA001
AP10
TO AC CORD
LIVE CIRCUIT HOT
C7109 450V 10u
C7110 450V 10u
DC330V
L7106 EXCELSA35T
C7101 470p 2kV
D7109 B0ZA0000045
D7110 B0BA02000001
IC7101 C5HABZZ00165
POWER CONTROL
ZC
F/B
GND
Vcc
Souce/OCL
Vin
Drain
D7112 B0EAEV000001
R7102 0.27
R7104 8.2k
C7112 35V 68u
R7115 10
R7103 10k
C7102 100p 100V
R7106 47k
C7104 1000p 50V
D7111 B0BA01000070
D7101 B0EA01000001
PC7102 CNC1S171R
FEED BACK
T7101 ETS25AD1N6AG
RL7001 K6B1ADA00010
D7210 MAZ40750MF
R7226 56
R7004 4.7
Q7202 2SD0602ASL 24V DET
C7202 0.1u 16V
R7205 1k
R7204 10k
R7206 1k
D7202 MAZ41000MF
RL7002 K6B1ADA00010
D7201 MAZ40750MF
COLD
R7107 0
D7104 B0JAMG000025
D7116 B0JAMG000025
R7122 0
D7114 B0JAMG000025
D7115 B0JAMG000025
R7129 1k
STB_LED
C7111 1u 50V
D7113 B0JAMG000003
R7121 430
L7108 220u
TP7152
R7123 2.2k
C7114 1000u 16V
R7125 10.5k
C7116 2200u 10V
R7124 10k
C7115 0.1u 50V
R7126 10k
IC7103 C0DAAMA00003
ERROR DET
R7111 47k
R7128 1k
R7113 22k
Q7102 2SD0601ASL 24V DET
C7117 10V 1u
D7106 MA2J11100L
24V_DET
D7105 MAZ41500LF
R7112 1k
C7106 50V 1u
R7109 22k
R7119 56k
24V DET Q7101 2SD0601ASL
R7127 1k
C7118 0.01u 50V
R7108 47k
C7105 0.1u 50V
R7110 10k
Q7203 2SD0601ASL AC ON/OFF
TP7151
TO POWER UNIT (CN201)
AP3
24V_ON
GND
24V
TP7904
TP7905
ZA7005 K9ZZ00000424
C7100 50V 0.01u
D7203 MAZ83300ML
D7204 MA2J11100L
24V OVP
IC7301 C5HAAKG00002
SUUND_16V/SUB_5V
VOUT2
VAR2
ON/OFF2
N.C.
VIN
SW-Node
ON/OFF1
VAR1
VOUT1
5V OVP
TP7301
D7301 MAZ81000ML
D7302 MA2J11100L
JS7301
R7300 K5G4023A0003
C7301 470u 50V
C7302 50V 0.1u
R7302 100k
R7303 1k
R7304 100k
R7305 1k
C7303 1000u 16V
R7301 1.8k
MAIN_ACT Q7301 UNR221T00L
C7305 50V 0.1u
C7306 50V 0.1u
SUB_ACT Q7302 UNR221T00L
SOUND_16V1
JS7303
D7303 MAZ82200ML
D7304 MA2J11100L
SOUND_16V OVP
TP7302
JS7304
C7307 35V 1000u
JS7302
D7601 B0HCMM000014
D7602 B0HCMM000014
C7601 25V 0.22u
C7602 50V 0.1u
IC7401 C5HAAKG00002
SUB_9V/MAIN_3.3V
C7609 25V 0.22u
D7403 MAZ81300ML
D7404 MA2J11100L
9V OVP
TP7402
JS7403
JS7401
R7400 K5G4023A0003
R7406 3.4k
C7407 16V 680u
C7401 470u 50V
C7402 50V 0.1u
R7402 100k
R7403 1k
R7404 100k
R7405 1k
MAIN_ACT Q7401 UNR221T00L
C7405 50V 0.1u
C7406 50V 0.1u
SUB_ACT Q7402 UNR221T00L
C7412 10V 1u
D7405 MA2J11100L
R7407 47k
JS7404
TP7401
D7401 MAZ80560ML
D7402 MA2J11100L
3.3V OVP
C7403 16V 1000u
JS7402
OVP CIRCUIT
Q7205 2SB0709ASL
C7205 10V 1u
R7211 47k
C7206 10V 1u
R7213 4.7k
Q7206 2SB0709ASL
R7212 10k
R7214 4.7k
R7209 10k
Q7204 2SD0601ASL
Q7207 2SD0601ASL
R7215 4.7k
R7217 1k
C7204 10V 1u
R7210 47k
C7207 10V 1u
R7216 4.7k
R7208 4.7k
C7203 50V 0.01u
R7207 47k
①
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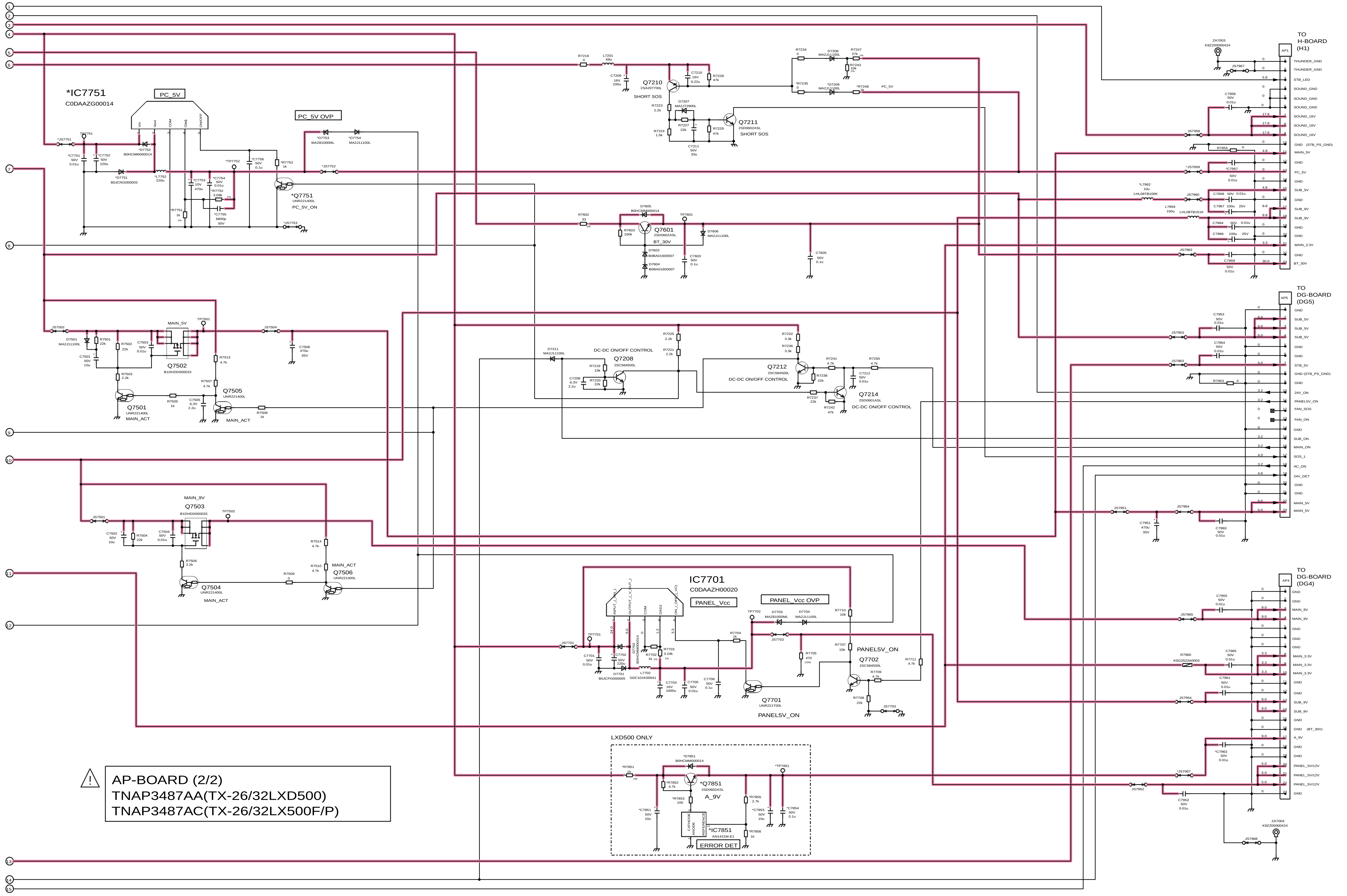
TX-26/32LXD500 TX-26/32LX500F/P
AP-Board (1 of 2) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P AP-Board (1 of 2) Schematic Diagram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PC_5V
PC_5V OVP
*Q7751
UNR221400L
PC_5V_ON
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2SA2077000L
SHORT SOS
Q7211
2SD0602ASL
SHORT SOS
Q7601
2SD0602ASL
BT_30V
MAIN_5V
Q7502
B1DHDD000033
Q7501
UNR221400L
MAIN_ACT
Q7505
UNR221400L
MAIN_ACT
DC-DC ON/OFF CONTROL
Q7208
2SC584500L
Q7212
2SC584500L
DC-DC ON/OFF CONTROL
Q7214
2SD0601ASL
DC-DC ON/OFF CONTROL
MAIN_9V
Q7503
B1DHDD000033
Q7504
UNR221400L
MAIN_ACT
Q7506
UNR221400L
MAIN_ACT
IC7701
C0DAAZH00020
PANEL_Vcc
PANEL_Vcc OVP
PANEL5V_ON
Q7702
2SC584500L
Q7701
UNR221T00L
PANEL5V_ON
LXD500 ONLY
*Q7851
2SD0602ASL
A_9V
*IC7851
AN1431M-E1
ERROR DET
TO
H-BOARD
(H1)
AP1
THUNDER_GND
THUNDER_GND
STB_LED
SOUND_GND
SOUND_GND
SOUND_GND
SOUND_16V
SOUND_16V
SOUND_16V
GND (STB_PS_GND)
MAIN_5V
GND
PC_5V
GND
SUB_5V
GND
SUB_9V
SUB_9V
GND
GND
MAIN_3.3V
GND
BT_30V
TO
DG-BOARD
(DG5)
AP5
GND
SUB_5V
SUB_5V
SUB_5V
GND
GND
STB_5V
GND (STB_PS_GND)
GND
24V_ON
PANEL5V_ON
FAN_SOS
FAN_ON
GND
SUB_ON
MAIN_ON
SOS_1
AC_ON
24V_DET
GND
GND
MAIN_5V
MAIN_5V
TO
DG-BOARD
(DG4)
AP4
GND
GND
MAIN_9V
MAIN_9V
GND
GND
GND
MAIN_3.3V
MAIN_3.3V
MAIN_3.3V
GND
GND
SUB_9V
SUB_9V
GND
GND (BT_30V)
A_9V
GND
GND
PANEL_5V/12V
PANEL_5V/12V
PANEL_5V/12V
GND
ZA7003
K9ZZ00000424
ZA7004
K9ZZ00000424
1
2
3
4
5
6
7
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9
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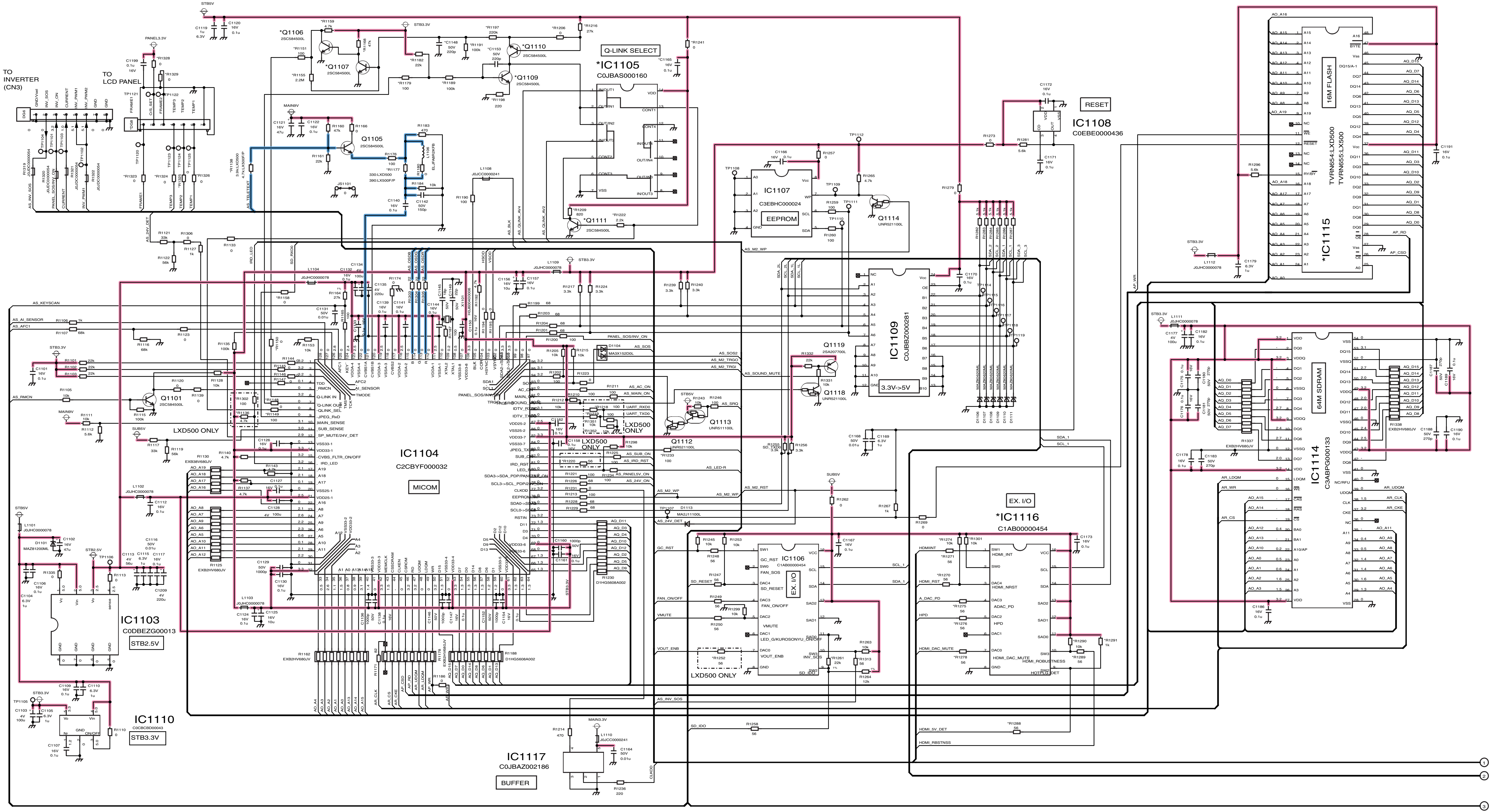
14
15

AP-BOARD (2/2)
TNAP3487AA(TX-26/32LXD500)
TNAP3487AC(TX-26/32LX500F/P)

TX-26/32LXD500 TX-26/32LX500F/P AP-Board (2 of 2) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P AP-Board (2 of 2) Schematic Diagram

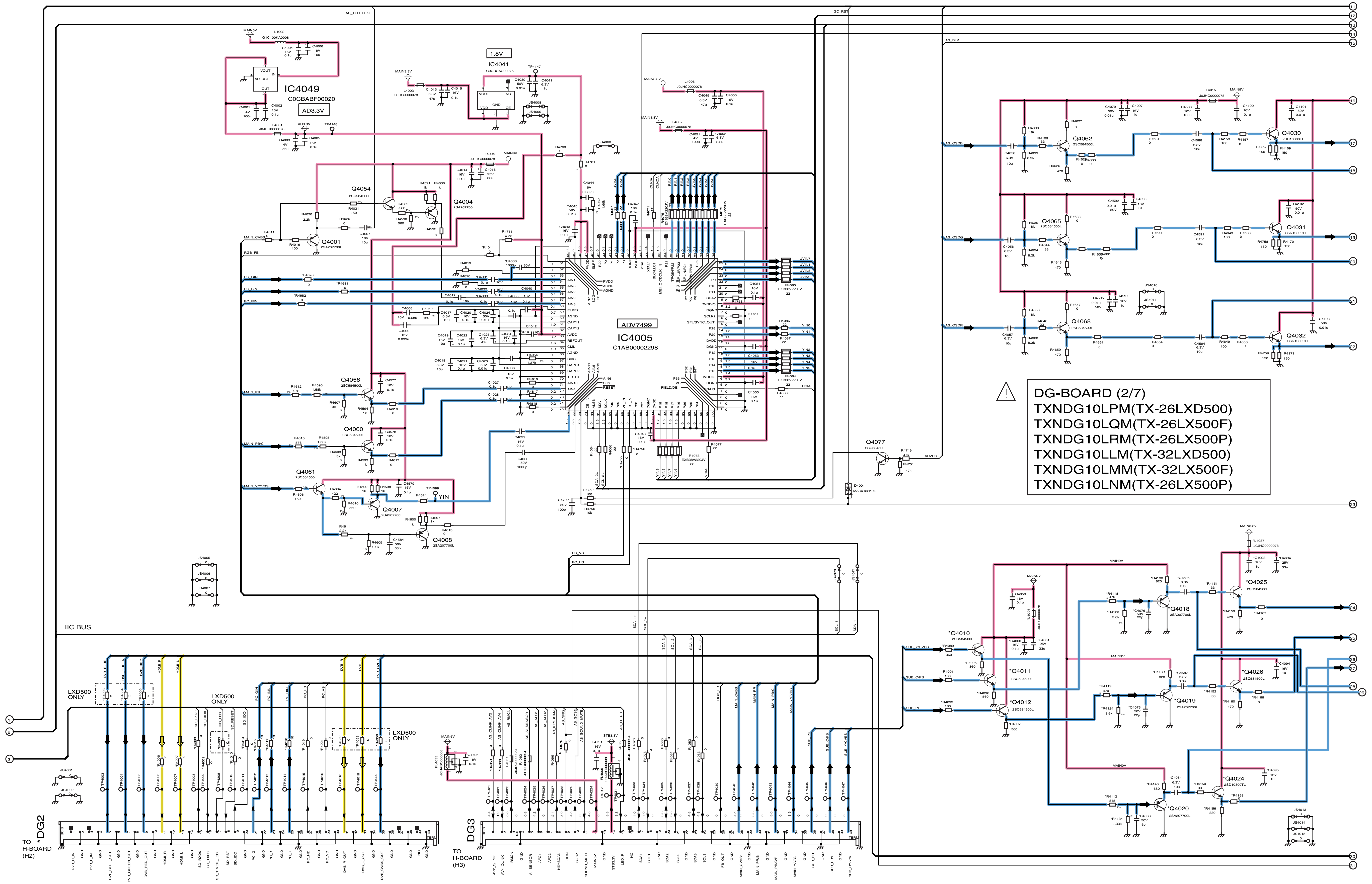

A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
TO INVERTER (CN3)
TO LCD PANEL
Q-LINK SELECT
*IC1105
C0JBAS000160
*Q1106
*Q1107
*Q1110
*Q1109
Q1105
*Q1111
RESET
IC1108
C0EBE0000436
IC1107
C3EBHC000024
EEPROM
Q1114
IC1109
C0JBBZ000281
3.3V->5V
Q1119
Q1118
Q1113
Q1112
IC1104
C2CBYF000032
MICOM
Q1101
LXD500 ONLY
IC1103
C0DBEZG00013
STB2.5V
IC1110
C0CBCBD00043
STB3.3V
IC1117
C0JBAZ002186
BUFFER
IC1106
C1AB00000454
EX I/O
*IC1116
C1AB00000454
EX. I/O
LXD500 ONLY
16M FLASH
TVRN654:LXD500
TVRN655:LX500
*IC1115
64M SDRAM
IC1114
C3ABPG000133
STB5V
STB3.3V
MAIN9V
SUB5V
MAIN3.3V
PANEL3.3V
STB2.5V

⚠

DG-BOARD (1/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)

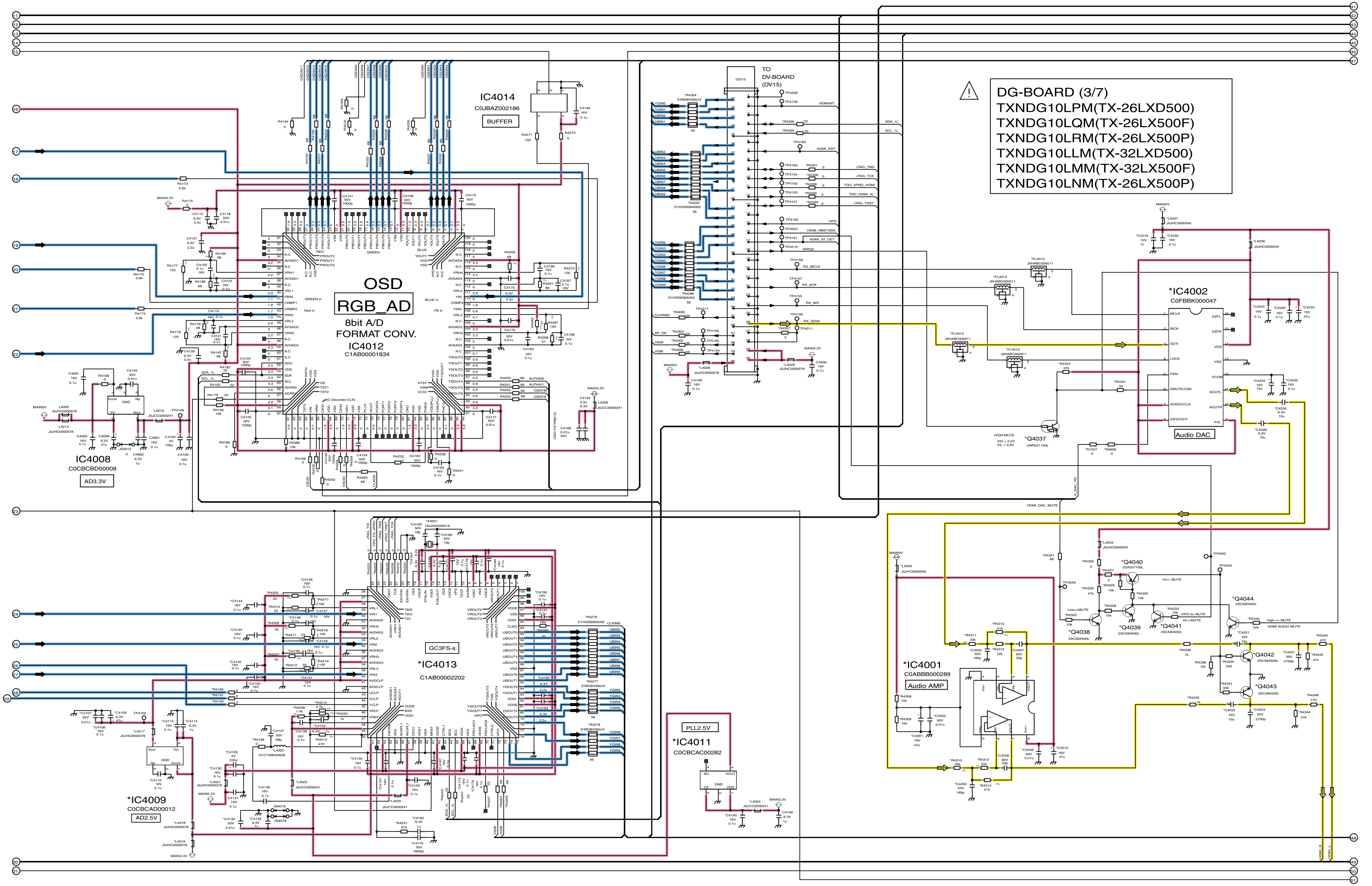
TX-26/32LXD500 TX-26/32LX500F/P
DG-Board (1 of 7) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (1 of 7) Schematic Diagram


IC4049
C0CBABF00020
AD3.3V
1.8V
IC4041
C0CBCAC00275
ADV7499
IC4005
C1AB00002298
Q4054
Q4004
Q4001
Q4058
Q4060
Q4061
Q4007
Q4008
Q4062
Q4065
Q4068
Q4030
Q4031
Q4032
Q4077
Q4010
Q4011
Q4012
Q4018
Q4025
Q4019
Q4026
Q4020
Q4024
D4001
DG-BOARD (2/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)
IIC BUS
LXD500 ONLY
LXD500 ONLY
LXD500 ONLY
TO H-BOARD (H2)
*DG2
TO H-BOARD (H3)
DG3
AS_TELETEXT
GC_RST
AS_BLK
AS_OSDB
AS_OSDG
AS_OSDR
MAIN_CVBS
RGB_FB
PC_GIN
PC_BIN
PC_RIN
MAIN_PR
MAIN_PB/C
MAIN_Y/CVBS
PC_VS
PC_HS
SUB_Y/CVBS
SUB_C/PB
SUB_PR
ADVRST
YIN

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (2 of 7) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (2 of 7) Schematic Diagram


OSD
RGB_AD
8bit A/D
FORMAT CONV.
IC4012
C1AB00001834
IC4014
C0JBAZ002186
BUFFER
IC4008
C0CBCBD00008
AD3.3V
*IC4009
C0CBCAD00012
AD2.5V
GC3FS-s
*IC4013
C1AB00002202
PLL2.5V
*IC4011
C0CBCAC00282
TO
DV-BOARD
(DV15)
*IC4002
C0FBBK000047
Audio DAC
*IC4001
C0ABBB000289
Audio AMP
*Q4037
UNR221100L
*Q4038
2SC584500L
*Q4039
2SC584500L
*Q4040
2SA207700L
*Q4041
2SC584500L
*Q4042
2SC584500L
*Q4043
2SC584500L
*Q4044
2SC584500L
*X4001
H0J202500016
HIGH:MUTE
VIH > 2.2V
VIL < 0.8V
Hi=> MUTE
Low=>MUTE
HPD for MUTE
High => MUTE
HDMI AUDIO MUTE
HDMI_DAC_MUTE
MAIN5V
MAIN3.3V
MAIN9V
MAIN2.5V
HDMIINT
SDA_1L
SCL_1L
HDMI_RST
JTAG_TMS
JTAG_TCK
TDO_4PRO_HDMI
TDO_HDMI_4L
JTAG_TRST
HPD
HDMI_RBSTNSS
HDMI_5V_DET
NIRQ2
RX_MCLK
RX_SCK
RX_WS
RX_SD0#
CLKINB2
AP_DE
HSIB
VSIB
HDMI_R
HDMI_L
MCLK
BICK
SDTI
LRCK
PDN
SMUTE/CSN
ACKS/CCLK
DIF0/CDTI
DZFL
DZFR
VDD
VSS
VCOM
AOUTL
AOUTR
P/S
11
12
13
14
15
16
17
18
19
20
21
22
23
24
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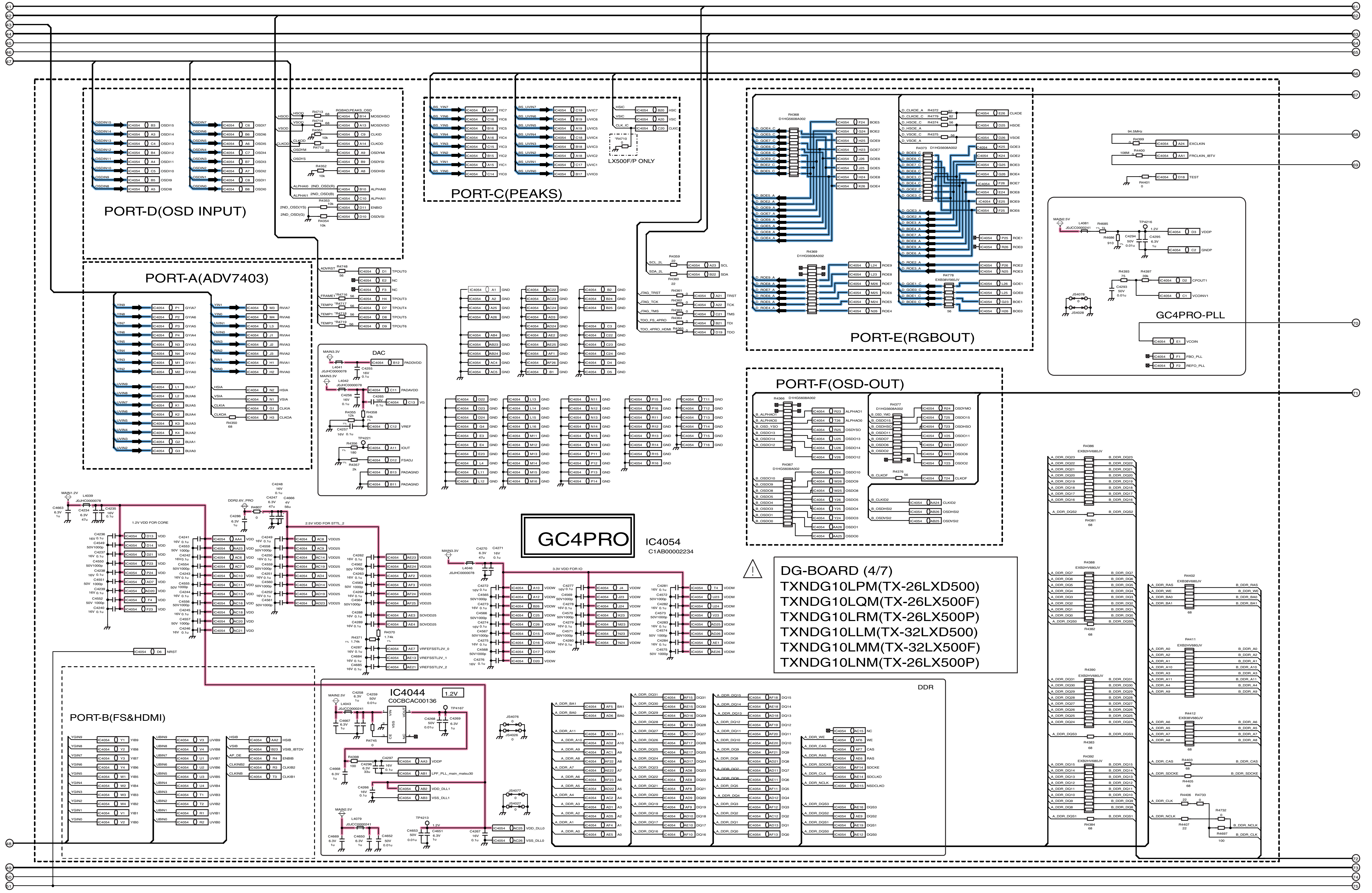
DG-BOARD (3/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)

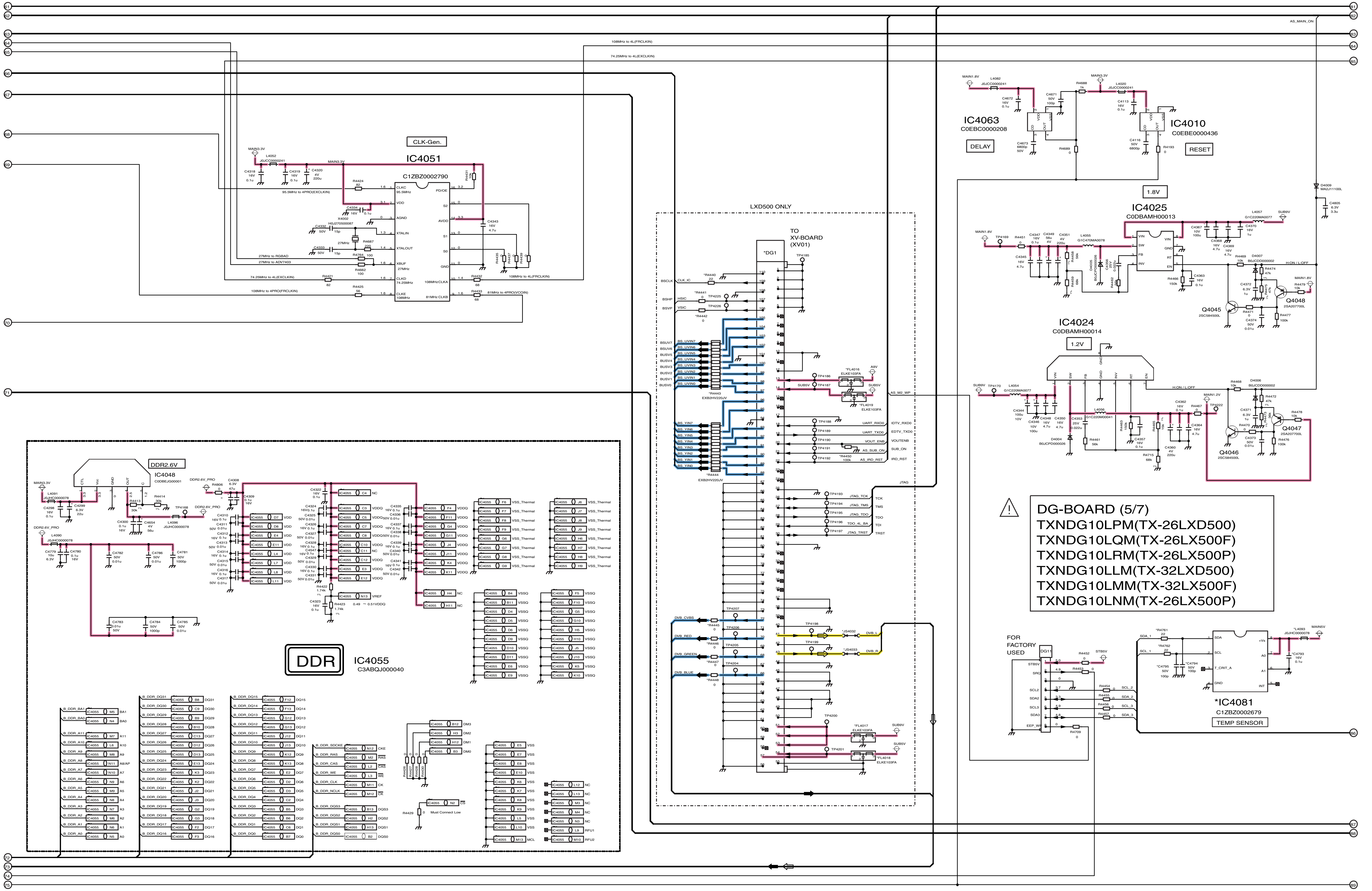
TX-26/32LXD500 TX-26/32LX500F/P DG-Board (3 of 7) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (3 of 7) Schematic Diagram


PORT-D(OSD INPUT)
PORT-C(PEAKS)
LX500F/P ONLY
PORT-E(RGBOUT)
GC4PRO-PLL
PORT-A(ADV7403)
DAC
PORT-F(OSD-OUT)
GC4PRO
IC4054
C1AB00002234
1.2V VDD FOR CORE
2.5V VDD FOR SSTL_2
3.3V VDD FOR IO
DG-BOARD (4/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)
PORT-B(FS&HDMI)
IC4044
C0CBCAC00136
1.2V
DDR

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (4 of 7) Schematic Diagram

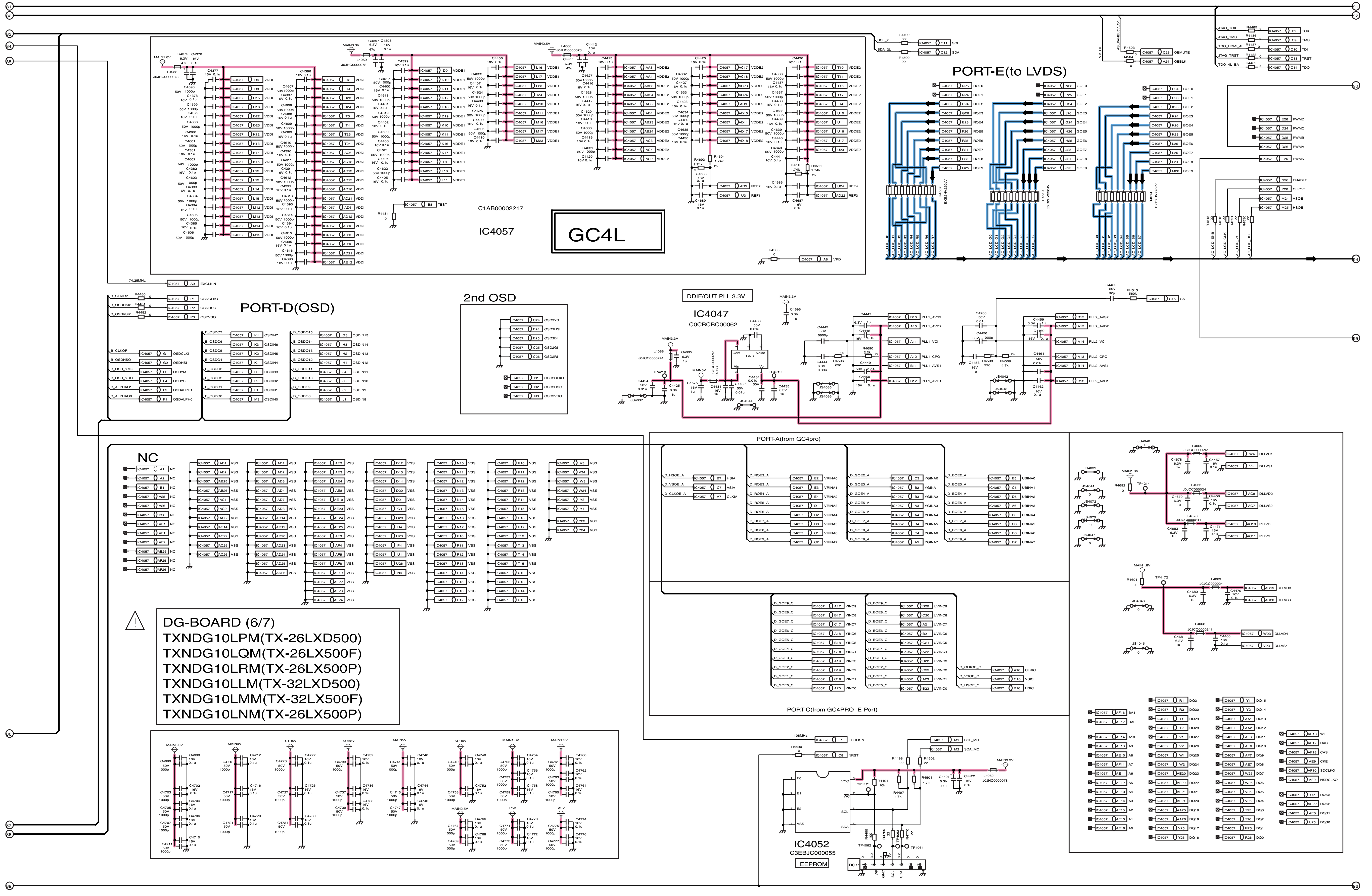
TX-26/32LXD500 TX-26/32LX500F/P DG-Board (4 of 7) Schematic Diagram



CLK-Gen.
IC4051
C1ZBZ0002790
DDR2.6V
IC4048
C0DBEJG00001
DDR
IC4055
C3ABQJ000040
LXD500 ONLY
TO
XV-BOARD
(XV01)
*DG1
IC4063
C0EBC0000208
DELAY
IC4010
C0EBE0000436
RESET
1.8V
IC4025
C0DBAMH00013
IC4024
C0DBAMH00014
1.2V
DG-BOARD (5/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)
FOR
FACTORY
USED
DG11
*IC4081
C1ZBZ0002679
TEMP SENSOR
MAIN3.3V
MAIN1.8V
MAIN1.2V
MAIN5V
SUB9V
SUB5V
STB5V
AS_MAIN_ON
AS_M2_WP
108MHz to 4L(FRCLKIN)
74.25MHz to 4L(EXCLKIN)
95.5MHz to 4PRO(EXCLKIN)
27MHz to RGBAD
27MHz to ADV7403
74.25MHz to 4L(EXCLKIN)
108MHz to 4PRO(FRCLKIN)
81MHz to 4PRO(VCOIN)
H:ON / L:OFF
JTAG
Must Connect Low

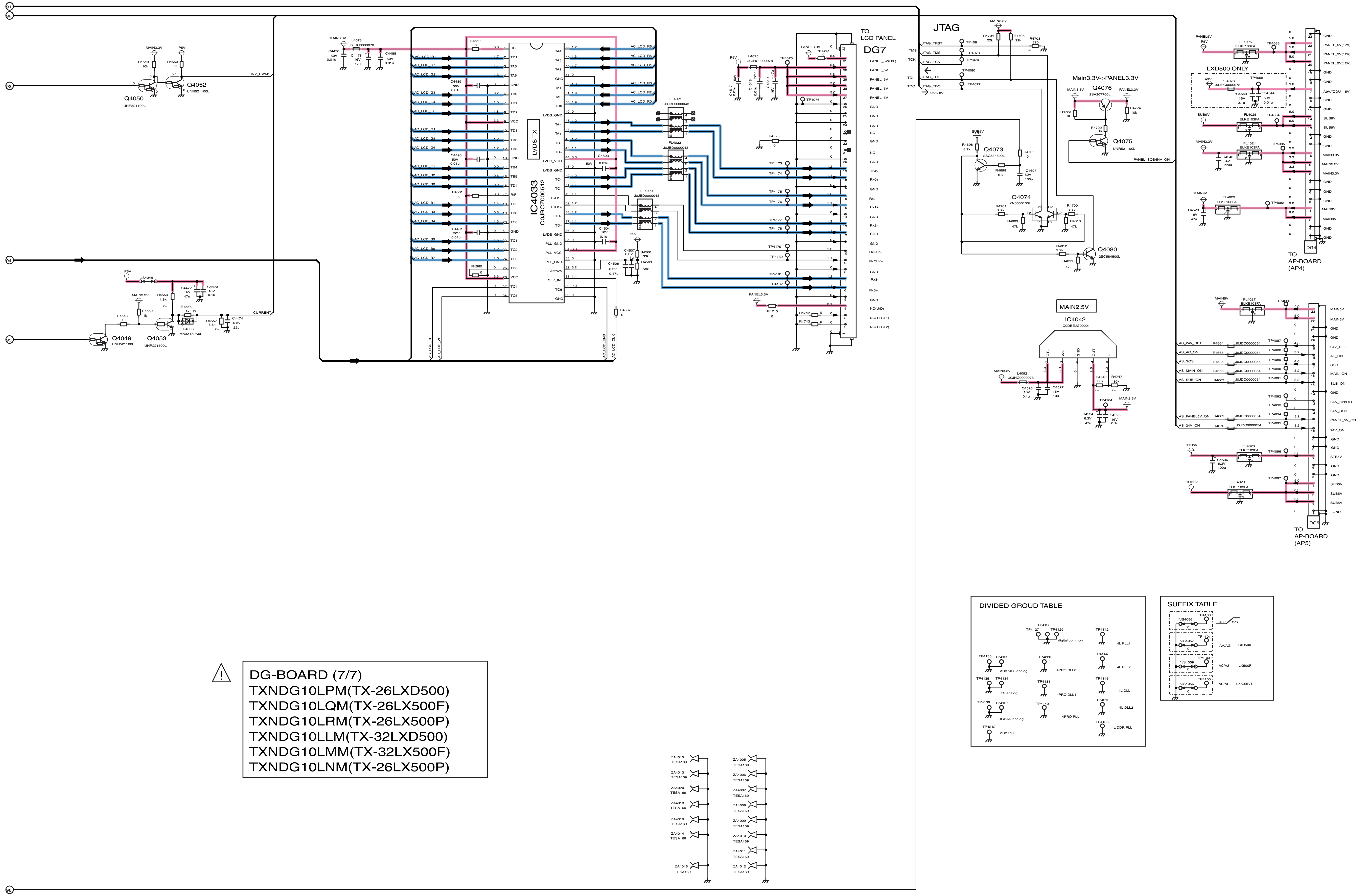
TX-26/32LXD500 TX-26/32LX500F/P DG-Board (5 of 7) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (5 of 7) Schematic Diagram


GC4L
IC4057
C1AB00002217
PORT-E(to LVDS)
PORT-D(OSD)
2nd OSD
DDIF/OUT PLL 3.3V
IC4047
C0CBCBC00062
NC
PORT-A(from GC4pro)
PORT-C(from GC4PRO_E-Port)
IC4052
C3EBJC000055
EEPROM
DG-BOARD (6/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)
MAIN3.3V
MAIN9V
STB5V
SUB5V
MAIN5V
SUB9V
MAIN1.8V
MAIN1.2V
MAIN2.5V
P5V
A9V
74.25MHz
108MHz

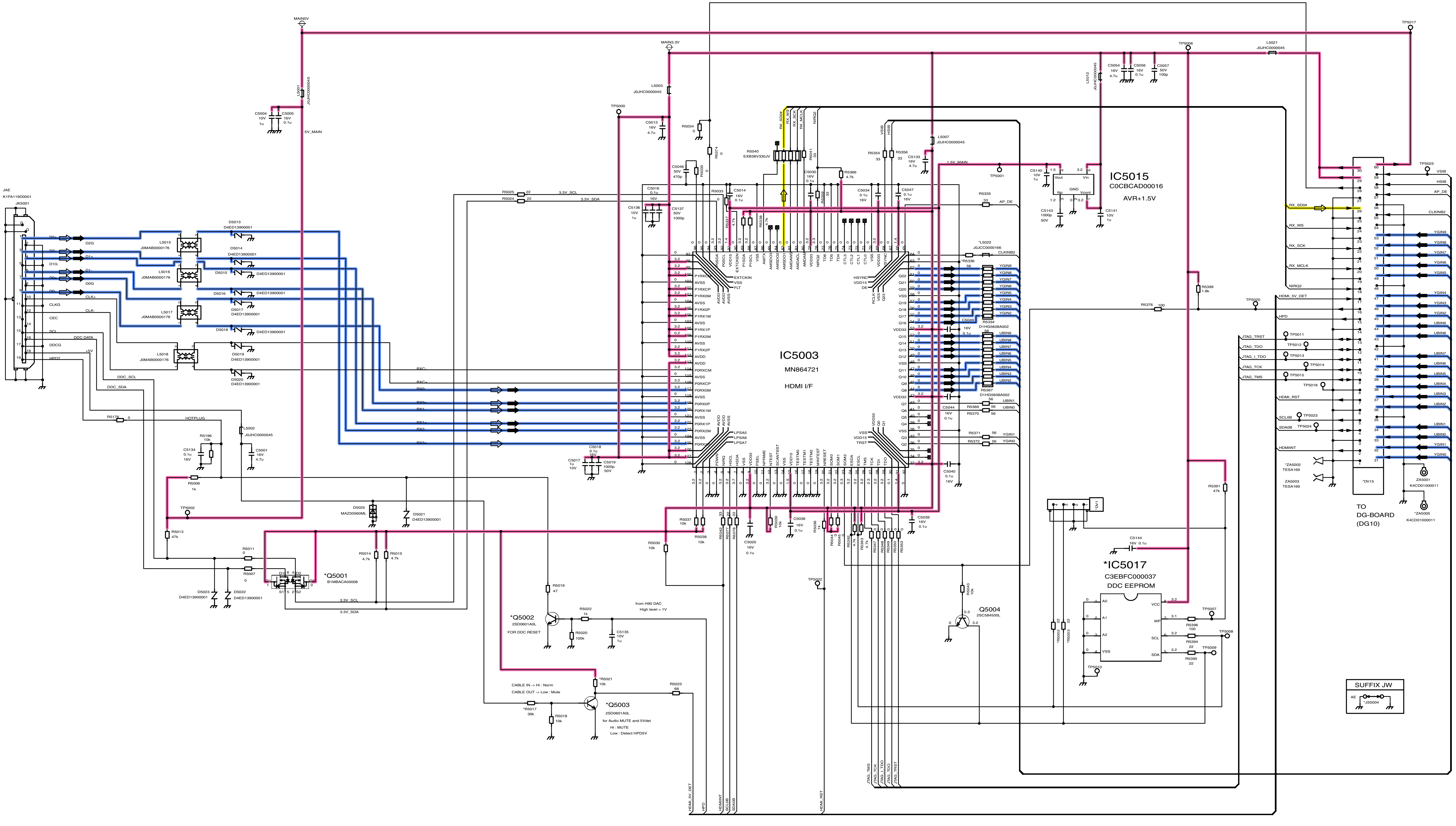
TX-26/32LXD500 TX-26/32LX500F/P DG-Board (6 of 7) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (6 of 7) Schematic Diagram


IC4033
C0JBCZ000512
LVDS TX
JTAG
TO LCD PANEL
DG7
Main3.3V->PANEL3.3V
Q4076
Q4075
UNR521100L
Q4073
2SC584500L
Q4074
XN0650100L
Q4080
2SC584500L
MAIN2.5V
IC4042
C0DBEJG00001
LXD500 ONLY
TO AP-BOARD (AP4)
DG4
TO AP-BOARD (AP5)
DG5
Q4050
UNR521100L
Q4052
UNR521100L
Q4049
UNR521100L
Q4053
UNR221500L
D4008
MA3X152K0L
INV_PWM1
CURRENT
FL4021
FL4022
FL4020
J0JBD0000043
PANEL_5V(R/L)
PANEL_5V
GND
NC
Rx0-
Rx0+
Rx1-
Rx1+
Rx2-
Rx2+
RxCLK-
RxCLK+
Rx3-
Rx3+
NC(U/D)
NC(TEST1)
NC(TEST2)
PANEL_5V(12V)
A9V/(ODU_15V)
SUB9V
MAIN3.3V
MAIN9V
MAIN5V
24V_DET
AC_ON
SOS
MAIN_ON
SUB_ON
FAN_ON/OFF
FAN_SOS
PANEL_5V_ON
24V_ON
STB5V
SUB5V
DIVIDED GROUD TABLE
digital common
ADV7403 analog
FS analog
RGBAD analog
ADV PLL
4PRO DLL0
4PRO DLL1
4PRO PLL
4L PLL1
4L PLL2
4L DLL
4L DLL2
4L DDR PLL
SUFFIX TABLE
AA/AG
LXD500
AC/AJ
LX500F
AE/AL
LX500P/T
55
56
57
58
59
60
61
62
63

DG-BOARD (7/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)

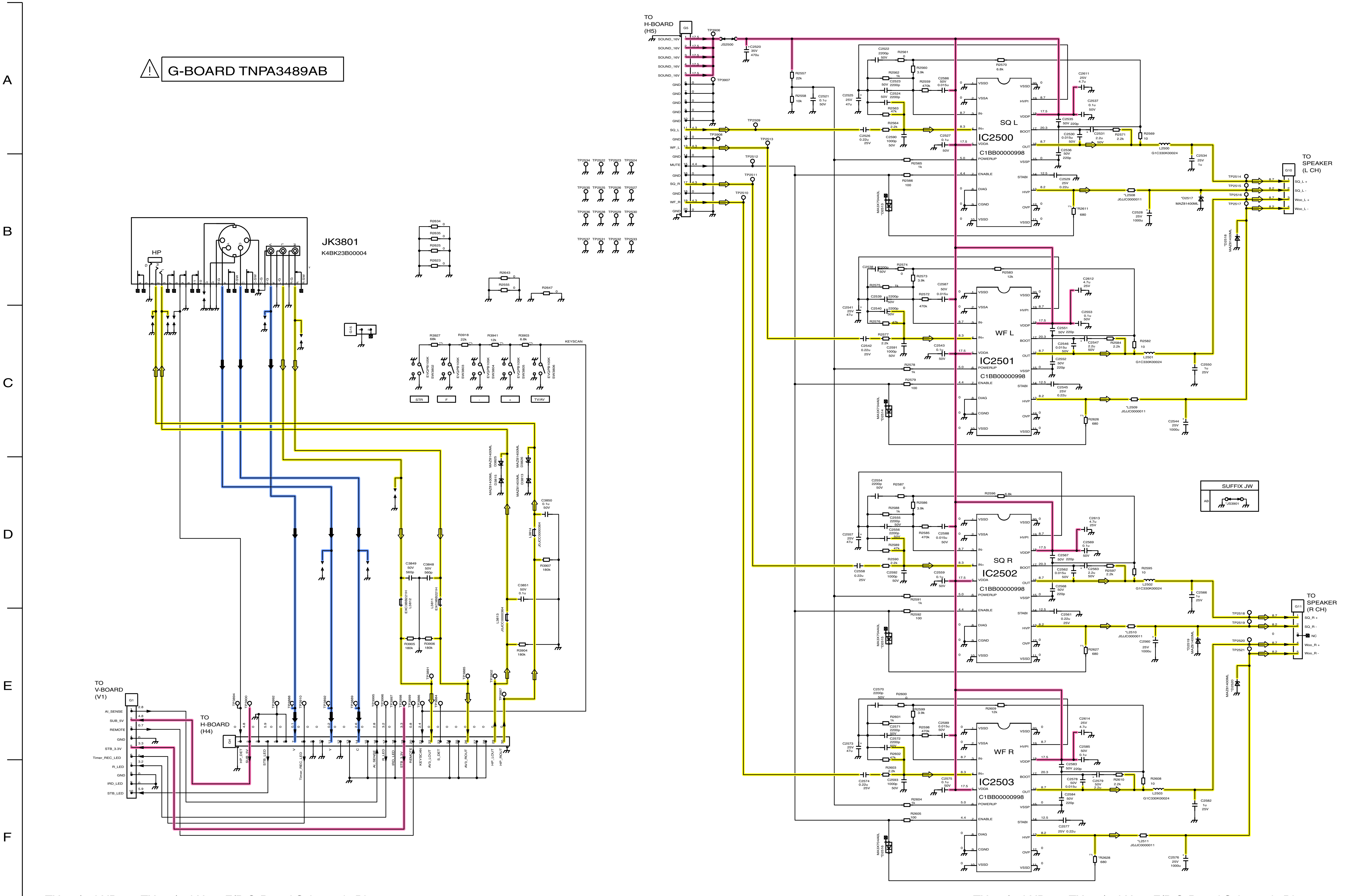
DV-BOARD TXNDV10LLM



JAE
K1FA119D0001
JK5001
MAIN5V
MAIN3.3V
5V_MAIN
1.5V_MAIN
IC5003
MN864721
HDMI I/F
IC5015
C0CBCAD00016
AVR+1.5V
*IC5017
C3EBFC000037
DDC EEPROM
*Q5001
B1MBACA00008
*Q5002
2SD0601A0L
FOR DDC RESET
*Q5003
2SD0601A0L
for Audio MUTE and 5Vdet
Hi : MUTE
Low : Detect HPD5V
Q5004
2SC5845000L
CABLE IN -> Hi : Norm
CABLE OUT -> Low : Mute
from H90 DAC
High level = 1V
HOTPLUG
3.3V_SCL
3.3V_SDA
DDC_SCL
DDC_SDA
D5025
MAZ30560ML
D5021
D4ED13900001
D5022
D4ED13900001
D5023
D4ED13900001
L5015
J0MAB0000176
L5016
J0MAB0000176
L5017
J0MAB0000176
L5018
J0MAB0000176
L5021
J0JHC0000045
TO
DG-BOARD
(DG10)
*ZA5001
K4CD01000011
*ZA5005
K4CD01000011
*ZA5002
TESA169
ZA5003
TESA169
SUFFIX JW
AE
*JS5004
RX_SD0
RX_WS
RX_SCK
RX_MCLK
NIRQ2
HDMI_5V_DET
HPD
JTAG_TRST
JTAG_TDO
JTAG_I_TDO
JTAG_TCK
JTAG_TMS
HDMI_RST
SCL0B
SDA0B
HDMIINT
VSIB
HSIB
AP_DE
CLKINB2
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TX-26/32LXD500 TX-26/32LX500F/P
DV-Board Schematic Diagram

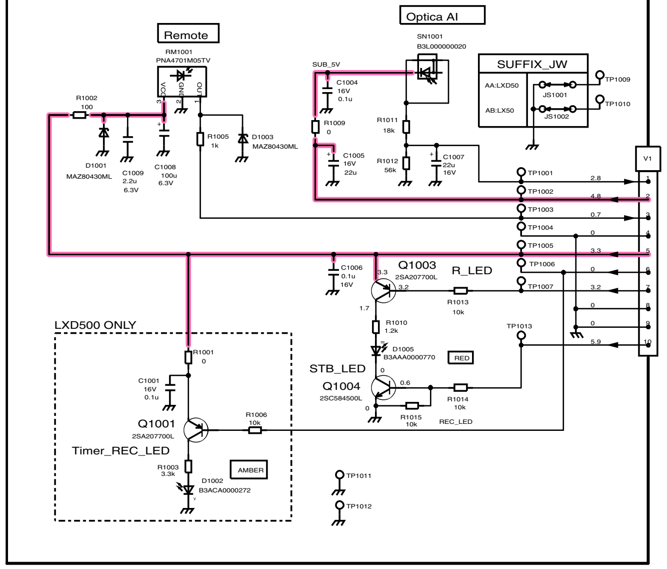
TX-26/32LXD500 TX-26/32LX500F/P
DV-Board Schematic Diagram


G-BOARD TNPA3489AB
JK3801
K4BK23B00004
HP
TO H-BOARD (H5)
G5
SOUND_16V
GND
SQ_L
WF_L
MUTE
SQ_R
WF_R
TP3906
JS2500
TP3907
TP3908
TO V-BOARD (V1)
G1
AI_SENSE
SUB_5V
REMOTE
GND
STB_3.3V
Timer_REC_LED
R_LED
IRD_LED
STB_LED
TO H-BOARD (H4)
G4
HP_DET
SUB_5V
STB_LED
Timer_REC_LED
AI_SENSE
R_LED
IRD_LED
REMOTE
STB_3.3V
KEYSCAN
AV3_LOUT
S_DET
AV3_ROUT
HP_LOUT
HP_ROUT
KEYSCAN
STR
F
-
+
TV/AV
G15
SQ L
IC2500
C1BB00000998
WF L
IC2501
C1BB00000998
SQ R
IC2502
C1BB00000998
WF R
IC2503
C1BB00000998
VSSD
VSSA
IN-
IN+
VDDA
POWERUP
ENABLE
DIAG
CGND
VDDP
BOOT
OUT
VSSP
STABI
HVP
OVP
HVPI
TO SPEAKER (L CH)
G10
SQ_L +
SQ_L -
Woo_L +
Woo_L -
TO SPEAKER (R CH)
G11
SQ_R +
SQ_R -
NC
Woo_R +
Woo_R -
SUFFIX JW
AB
JS3901
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TX-26/32LXD500 TX-26/32LX500F/P G-Board Schematic Diagram

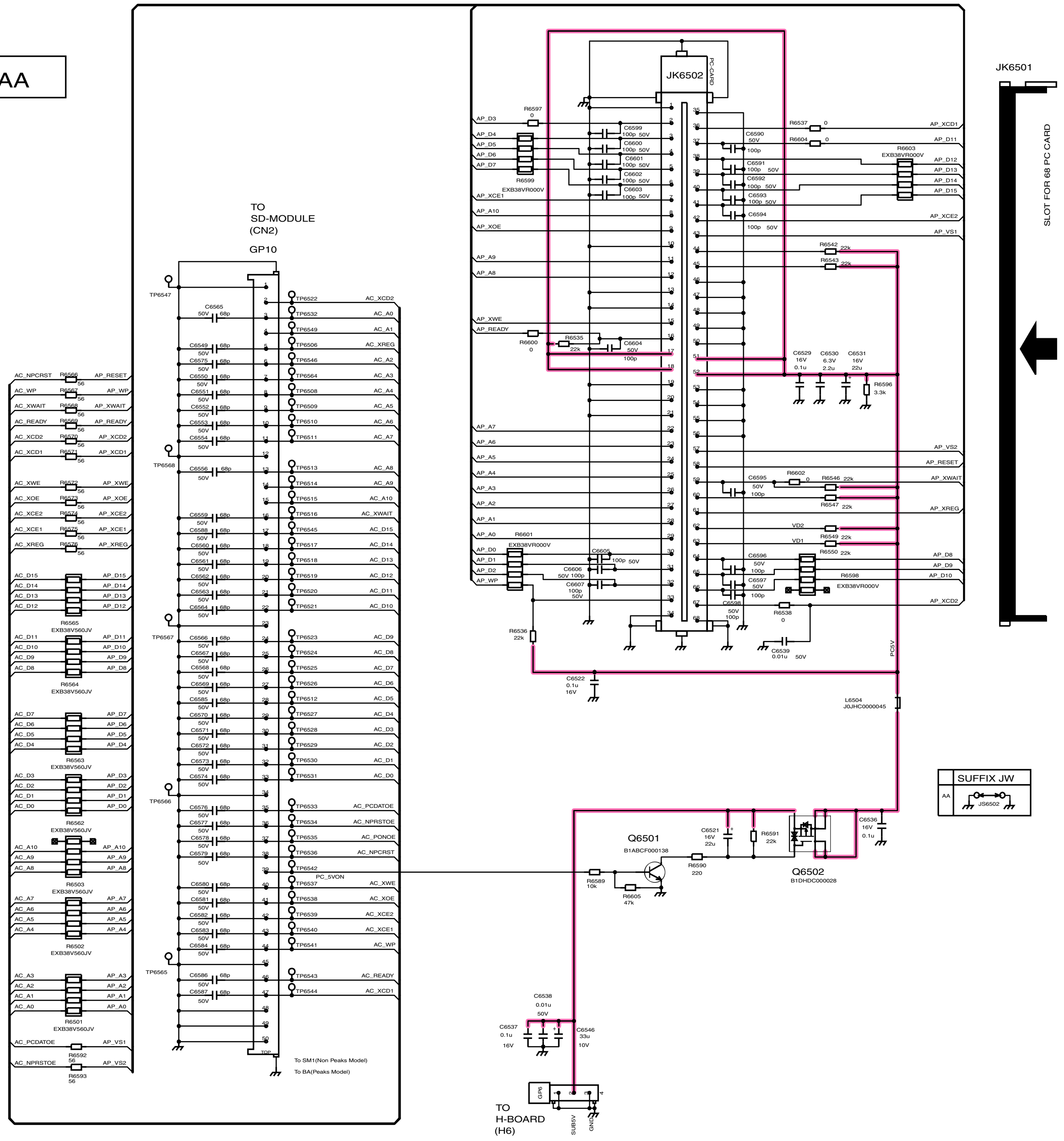
TX-26/32LXD500 TX-26/32LX500F/P G-Board Schematic Diagram

V-BOARD
TNAP3490AC(TX-26/32LXD500)
TNAP3490AD(TX-26/32LX500F/P)

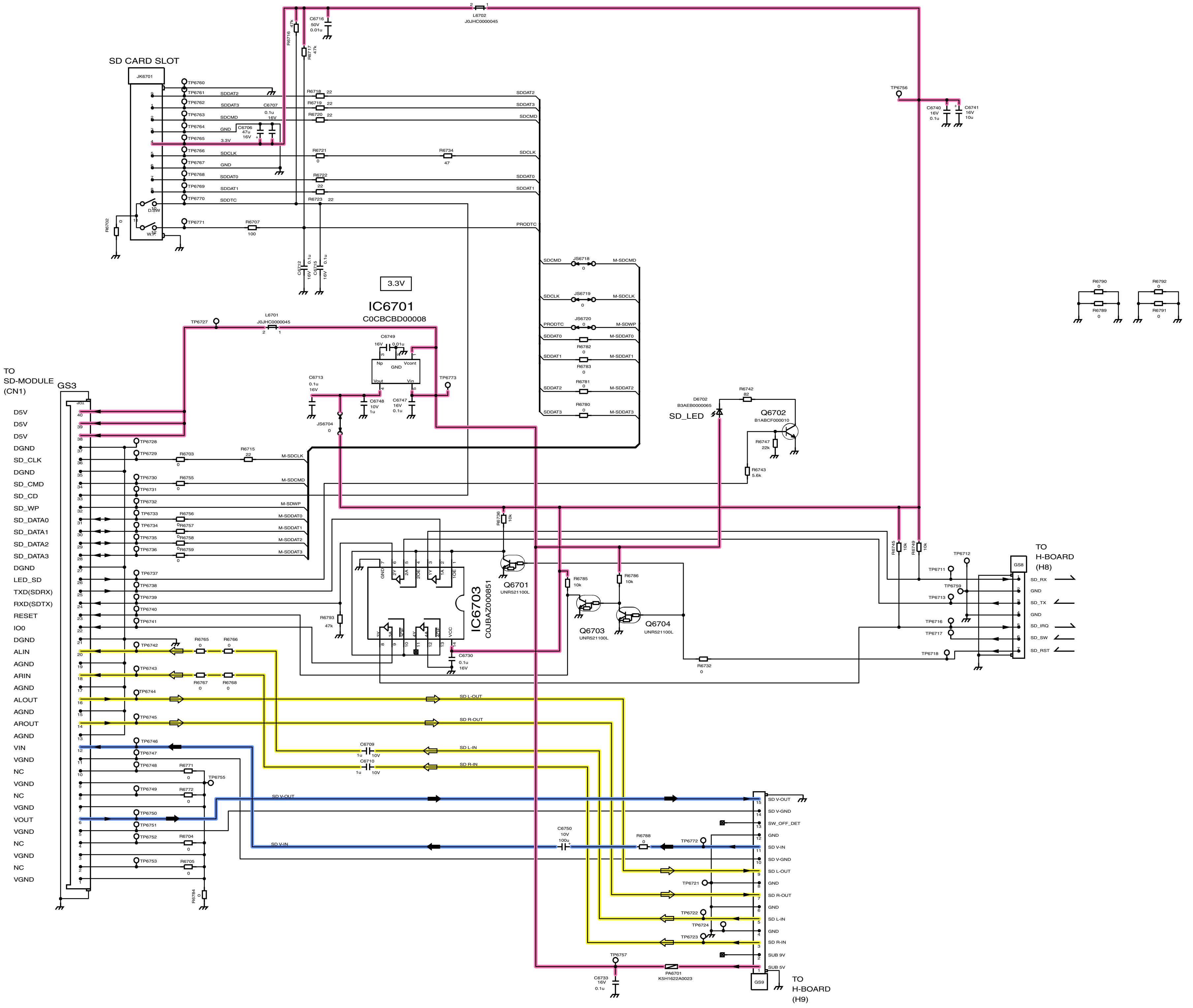

Remote
RM1001
PNA4701M05TV
Optica AI
SN1001
B3L000000020
SUFFIX_JW
AA:LXD50
AB:LX50
JS1001
JS1002
SUB_5V
TO
G-BOARD
(G1)
AI_SENSE
SUB_5V
REMOTE
GND
STB_3.3V
Timer_REC_LED
R_LED
GND
IRD_LED
STB_LED
Q1003
2SA2070OL
R_LED
STB_LED
Q1004
2SC584500L
RED
D1005
B3AAA0000770
LXD500 ONLY
Q1001
2SA2070OL
Timer_REC_LED
AMBER
D1002
B3ACA0000272
D1001
MAZ80430ML
D1003
MAZ80430ML
REC_LED
TP1001
TP1002
TP1003
TP1004
TP1005
TP1006
TP1007
TP1009
TP1010
TP1011
TP1012
TP1013

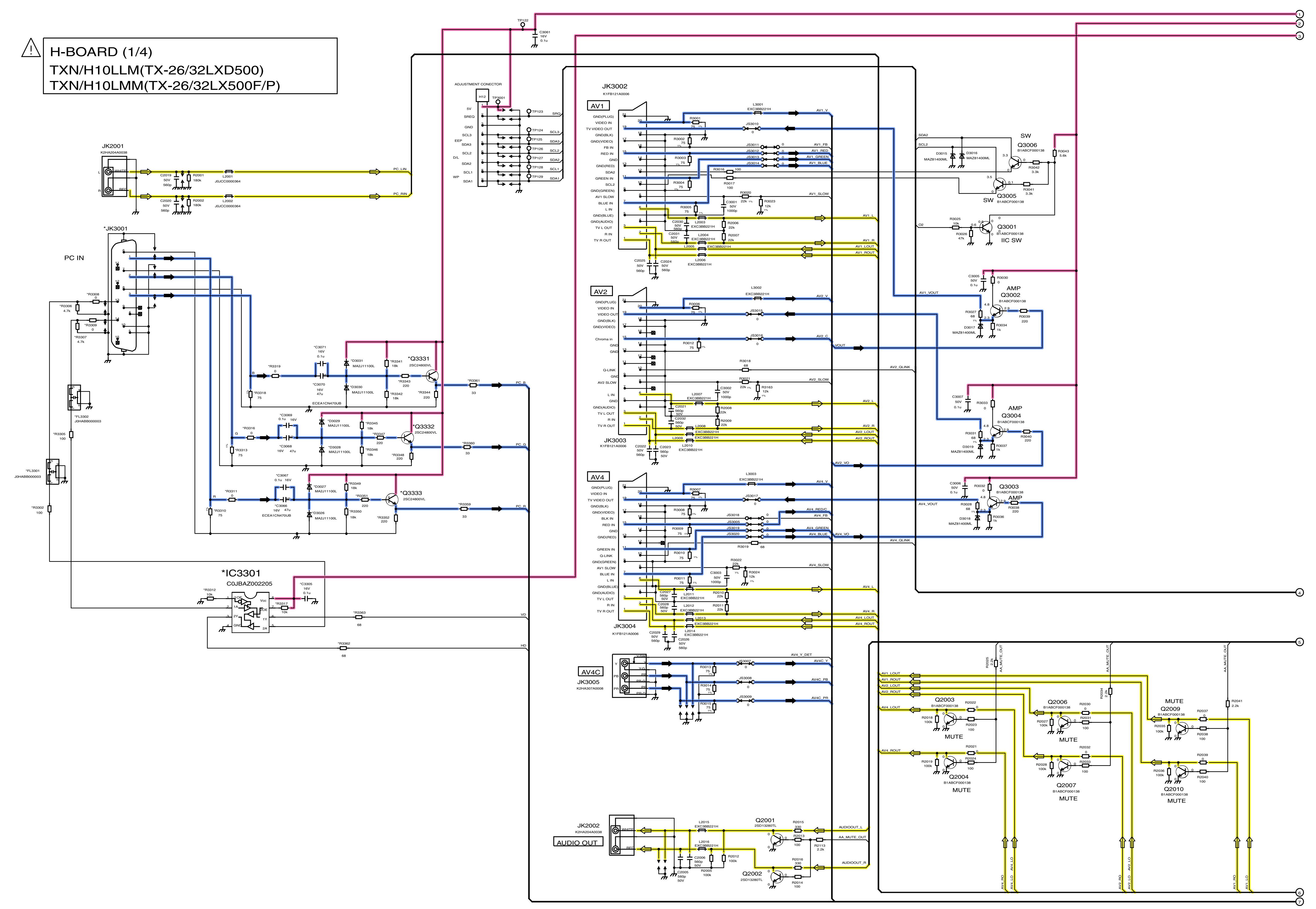
GP-BOARD TNPA3491AA

SD-Module	Peaks
1 DGND	50 DGND
2 DGND	49 DGND
3 DGND	48 DGND
4 nCD1	47 XCD1
5 READY	46 READY
6 DGND	45 DGND
7 WP	44 WP
8 nCE1	43 XCE1
9 nCE2	42 XCE2
10 nOE	41 XOE
11 nWE	40 XWE
12 POW_SW5	39 PC5V_ON
13 RESET	38 NPCRST
14 (LED_PC)	37 PONOE
15 nVS2	36 NPRSTOE
16 nVS1	35 PCDATOE
17 DGND	34 DGND
18 D0	33 D0
19 D1	32 D1
20 D2	31 D2
21 D3	30 D3
22 D4	29 D4
23 D5	28 D5
24 D6	27 D6
25 D7	26 D7
26 D8	25 D8
27 D9	24 D9
28 DGND	23 DGND
29 D10	22 D10
30 D11	21 D11
31 D12	20 D12
32 D13	19 D13
33 D14	18 D14
34 D15	17 D15
35 nWAIT	16 XWAIT
36 A10	15 A10
37 A9	14 A9
38 A8	13 A8
39 DGND	12 DGND
40 A7	11 A7
41 A6	10 A6
42 A5	9 A5
43 A4	8 A4
44 A3	7 A3
45 A2	6 A2
46 nREG	5 XREG
47 A1	4 A1
48 A0	3 A0
49 nCD2	2 XCD2
50 DGND	1 DGND


TO
SD-MODULE
(CN2)
GP10
JK6502
PC CARD
JK6501
SLOT FOR 68 PC CARD
Q6501
B1ABCF000138
Q6502
B1DHDC000028
PC_5VON
PC5V
L6504
J0JHC0000045
SUFFIX JW
AA
JS6502
TO
H-BOARD
(H6)
SUB5V
GND
To SM1(Non Peaks Model)
To BA(Peaks Model)
R6599
EXB38VR000V
R6601
EXB38VR000V
R6603
EXB38VR000V
R6598
EXB38VR000V
R6565
EXB38V560JV
R6564
EXB38V560JV
R6563
EXB38V560JV
R6562
EXB38V560JV
R6503
EXB38V560JV
R6502
EXB38V560JV
R6501
EXB38V560JV
TP6547
TP6568
TP6567
TP6566
TP6565

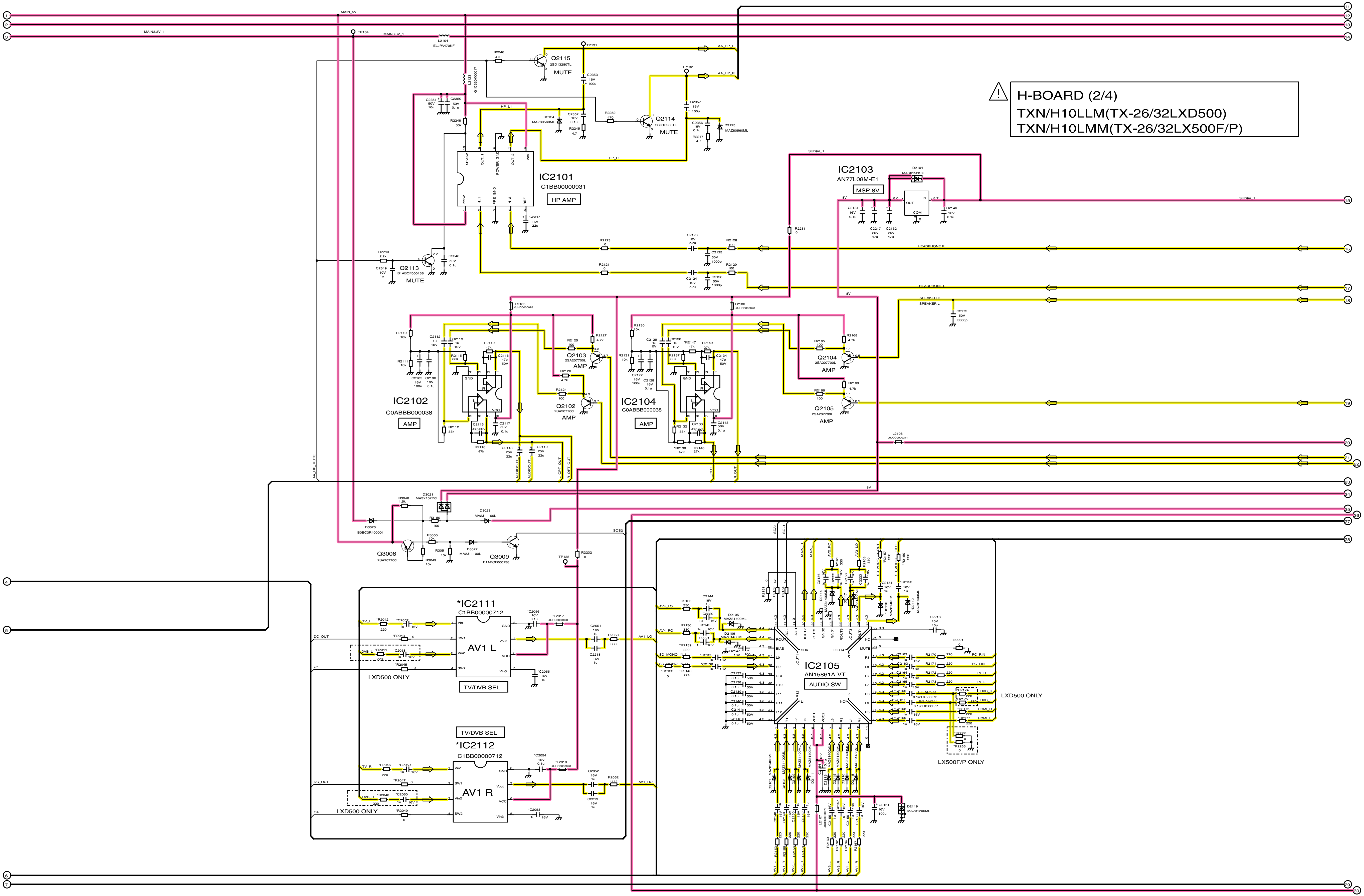
⚠ GS-BOARD TNPA3615AA


SD CARD SLOT
JK6701
D.SW
WP
R6702
3.3V
IC6701
C0CBCBD00008
IC6703
C0JBAZ000851
Q6701
UNR521100L
Q6703
UNR521100L
Q6704
UNR521100L
Q6702
B1ABCF000010
D6702
B3AEB0000065
SD_LED
L6701
J0JHC0000045
L6702
J0JHC0000045
PA6701
K5H1622A0023
TO
SD-MODULE
(CN1)
GS3
D5V
D5V
D5V
DGND
SD_CLK
DGND
SD_CMD
SD_CD
SD_WP
SD_DATA0
SD_DATA1
SD_DATA2
SD_DATA3
DGND
LED_SD
TXD(SDRX)
RXD(SDTX)
RESET
IO0
DGND
ALIN
AGND
ARIN
AGND
ALOUT
AGND
AROUT
AGND
VIN
VGND
NC
VGND
NC
VGND
VOUT
VGND
NC
VGND
NC
VGND
SDDAT2
SDDAT3
SDCMD
SDCLK
SDDAT0
SDDAT1
SDDTC
PRODTC
M-SDCMD
M-SDCLK
M-SDWP
M-SDDAT0
M-SDDAT1
M-SDDAT2
M-SDDAT3
SD L-OUT
SD R-OUT
SD L-IN
SD R-IN
SD V-OUT
SD V-IN
TO
H-BOARD
(H8)
GS8
SD_RX
GND
SD_TX
GND
SD_IRQ
SD_SW
SD_RST
TO
H-BOARD
(H9)
GS9
SD V-OUT
SD V-GND
SW_OFF_DET
GND
SD V-IN
SD V-GND
SD L-OUT
GND
SD R-OUT
GND
SD L-IN
GND
SD R-IN
SUB 9V
SUB 5V


H-BOARD (1/4)
TXN/H10LLM(TX-26/32LXD500)
TXN/H10LMM(TX-26/32LX500F/P)
ADJUSTMENT CONECTOR
JK2001
K2HA204A0038
PC IN
*JK3001
PC_LIN
PC_RIN
*Q3331
2SC2480VL
*Q3332
*Q3333
PC_B
PC_G
PC_R
*IC3301
C0JBAZ002205
VD
HD
JK3002
K1FB121A0006
AV1
AV2
JK3003
AV4
JK3004
AV4C
JK3005
K2HA307A0008
JK2002
AUDIO OUT
Q2001
Q2002
2SD1328OTL
SW
Q3006
Q3005
Q3001
IIC SW
AMP
Q3002
Q3004
Q3003
Q2003
Q2004
Q2006
Q2007
Q2009
Q2010
MUTE
AUDIOOUT_L
AA_MUTE_OUT
AUDIOOUT_R
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TX-26/32LXD500 TX-26/32LX500F/P H-Board (1 of 4) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P H-Board (1 of 4) Schematic Diagram


H-BOARD (2/4)
TXN/H10LLM(TX-26/32LXD500)
TXN/H10LMM(TX-26/32LX500F/P)
MAIN_5V
MAIN3.3V_1
TP134
TP131
TP132
TP135
L2104
ELJPA470KF
R2246
470
Q2115
2SD1328OTL
MUTE
Q2114
2SD1328OTL
MUTE
AA_HP_L
AA_HP_R
HP_L1
HP_R
C2353
16V
100u
C2357
16V
100u
D2124
MAZ80560ML
D2125
MAZ80560ML
R2252
470
R2248
33k
C2351
C2350
L2723
IC2101
C1BB00000931
HP AMP
MT/SW
OUT_1
POWER_GND
OUT_2
Vcc
P/SW
IN_1
PRE_GND
IN_2
REF
C2347
16V
22u
R2249
2.2k
Q2113
B1ABCF000138
MUTE
C2349
C2348
R2123
R2121
C2123
C2124
C2125
C2126
R2128
R2129
HEADPHONE R
HEADPHONE L
SPEAKER R
SPEAKER L
C2172
50V
3300p
SUB9V_1
R2231
IC2103
AN77L08M-E1
MSP 8V
D2104
MA3X152K0L
OUT
IN
COM
C2131
C2217
C2132
C2146
8V
L2105
L2106
IC2102
C0ABBB000038
AMP
IC2104
C0ABBB000038
AMP
Q2103
2SA2077O0L
AMP
Q2102
2SA2077O0L
AMP
Q2104
2SA2077O0L
AMP
Q2105
2SA2077O0L
AMP
R2110
R2111
R2112
R2115
R2118
R2119
R2124
R2125
R2126
R2127
R2130
R2131
R2132
R2137
R2138
R2147
R2148
R2149
R2165
R2166
R2168
R2169
GND
VCC
AUDIOOUT_L
AUDIOOUT_R
L_OPT_OUT
R_OPT_OUT
L_OUT
R_OUT
L2108
AA_HP_MUTE
R3048
1.5k
D3021
MA3X152D0L
D3020
B0BC3R400001
D3023
MA2J1100L
R3180
100
R3050
10k
R3051
10k
R3049
10k
D3022
MA2J1100L
Q3008
2SA2077O0L
Q3009
B1ABCF000138
SOS2
R2232
0
*IC2111
C1BB00000712
AV1 L
TV/DVB SEL
*IC2112
C1BB00000712
AV1 R
TV/DVB SEL
TV_L
TV_R
DVB_L
DVB_R
DC_OUT
O4
Vin1
SW1
Vin2
SW2
Vout
VCC
Vin3
GND
LXD500 ONLY
LXD500 ONLY
*L2017
*L2018
C2051
C2052
R2050
330
R2052
330
C2218
C2219
AV1_LO
AV1_RO
AV4_LO
AV4_RO
SD_MONO_IN
SD_MONO_IN
SDA1
SCL1
MAIN_R
MAIN_L
AV2_RO
AV2_LO
SD_AUDIO_OUT
IC2105
AN15861A-VT
AUDIO SW
ROUT1
LOUT1
BIAS
L9
R9
L10
R10
L11
R11
L12
L1
R1
L2
R2
VCC1
L3
R3
L4
R4
NC
MUTE
LOUT4
R8
L8
R7
L7
R6
L6
R5
L5
SDA
SCL
ADR
ROUT2
LOUT2
GND1
ROUT3
LOUT3
VCC2
ROUT4
C2216
10V
10u
R2221
R2170
R2171
R2172
R2173
R2174
R2175
R2176
R2177
R2255
R2256
PC_RIN
PC_LIN
TV_R
TV_L
DVB_R
DVB_L
HDMI_R
HDMI_L
LXD500 ONLY
LX500F/P ONLY
R2135
R2136
R2139
R2133
R2140
D2105
MAZ81400ML
D2106
MAZ81400ML
C2161
16V
100u
D2119
MAZ31200ML
AV1_L
AV1_R
AV2_L
AV2_R
AV3_L
AV3_R
AV4_L
AV4_R
①
②
③
④
⑤
⑥
⑦
⑪
⑫
⑬
⑭
⑮
⑯
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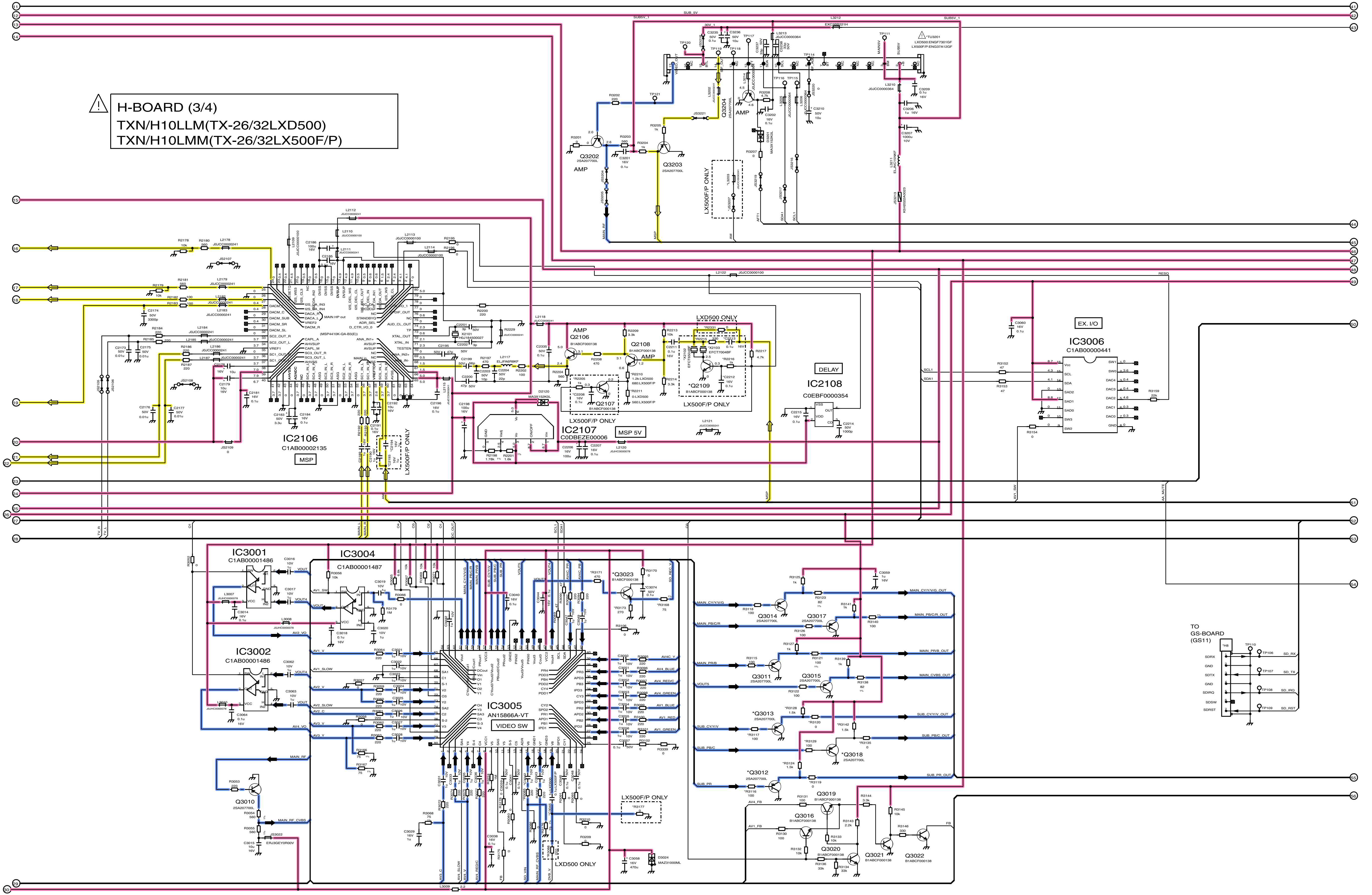
TX-26/32LXD500 TX-26/32LX500F/P H-Board (2 of 4) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P H-Board (2 of 4) Schematic Diagram

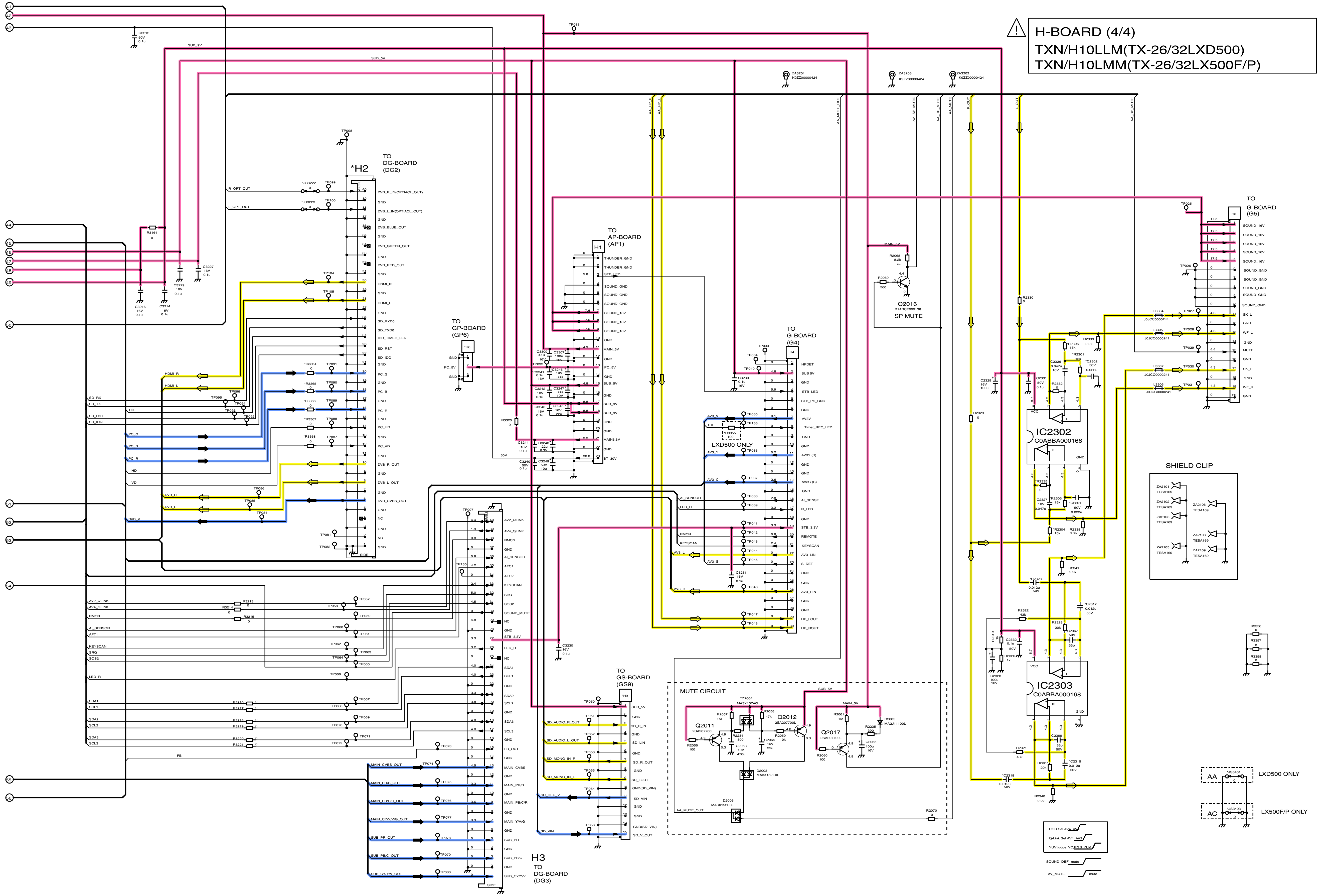
10 11 12 13 14 15 16 17 18


H-BOARD (3/4)
TXN/H10LLM(TX-26/32LXD500)
TXN/H10LMM(TX-26/32LX500F/P)
IC2106
C1AB00002135
MSP
IC2107
C0DBEZE00006
MSP 5V
IC2108
C0EBF0000354
DELAY
IC3006
C1AB00000441
EX. I/O
IC3001
C1AB00001486
IC3002
C1AB00001486
IC3004
C1AB00001487
IC3005
AN15866A-VT
VIDEO SW
Q3202
2SA2077000L
AMP
Q3203
2SA2077000L
Q3204
2SA2077000L
AMP
Q2106
B1ABCF000138
AMP
Q2108
B1ABCF000138
AMP
*Q2107
B1ABCF000138
*Q2109
B1ABCF000138
LXD500 ONLY
LX500F/P ONLY
Q3010
Q3011
Q3012
Q3013
Q3014
Q3015
Q3016
Q3017
*Q3018
Q3019
Q3020
Q3021
Q3022
*Q3023
TU3201
LXD500:ENGF7301GF
LX500F/P:ENG37A12GF
TO
GS-BOARD
(GS11)
SDRX
GND
SDTX
GND
SDIRQ
SDSW
SDRST
SD_RX
SD_TX
SD_IRQ
SD_RST
MAIN_CY/Y/V/G_OUT
MAIN_PB/C/R_OUT
MAIN_PR/B_OUT
MAIN_CVBS_OUT
SUB_CY/Y/V_OUT
SUB_PB/C_OUT
SUB_PR_OUT
MAIN_RF
MAIN_RF_CVBS
SUB5V_1
SUB_5V
MSP
AM
RESQ
SCL1
SDA1
AV1_SW
AA_MUTE
LXD500 ONLY
LX500F/P ONLY

TX-26/32LXD500 TX-26/32LX500F/P H-Board (3 of 4) Schematic Diagram

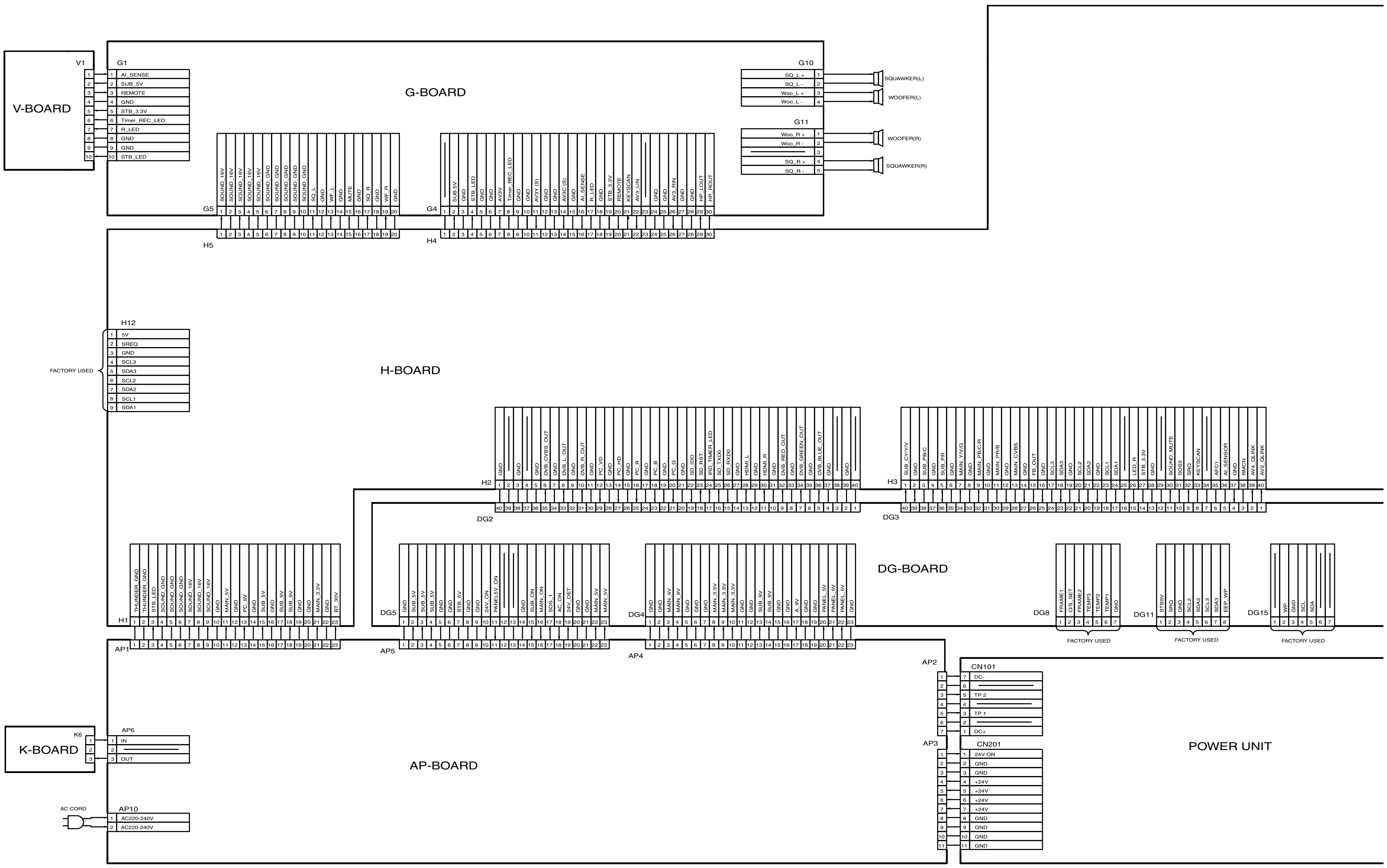
TX-26/32LXD500 TX-26/32LX500F/P H-Board (3 of 4) Schematic Diagram

H-BOARD (4/4)
TXN/H10LLM(TX-26/32LXD500)
TXN/H10LMM(TX-26/32LX500F/P)


*H2
TO DG-BOARD (DG2)
H1
TO AP-BOARD (AP1)
*H6
TO GP-BOARD (GP6)
H4
TO G-BOARD (G4)
H5
TO G-BOARD (G5)
H3
TO DG-BOARD (DG3)
*H9
TO GS-BOARD (GS9)
Q2016
B1ABCF000138
SP MUTE
IC2302
C0ABBA000168
IC2303
C0ABBA000168
SHIELD CLIP
MUTE CIRCUIT
Q2011
Q2012
Q2017
LXD500 ONLY
LX500F/P ONLY
AA
AC
SUB_9V
SUB_5V
MAIN_5V
R_OPT_OUT
L_OPT_OUT
HDMI_R
HDMI_L
DVB_R
DVB_L
DVB_V
PC_G
PC_B
PC_R
AA_HP_R
AA_HP_L
AA_MUTE_OUT
AA_SP_MUTE
R_OUT
L_OUT
RGB Sel AV4 AV
Q-Link Sel AV4 AV2
YUV judge YC RGB YUV
SOUND_DEF mute
AV_MUTE mute

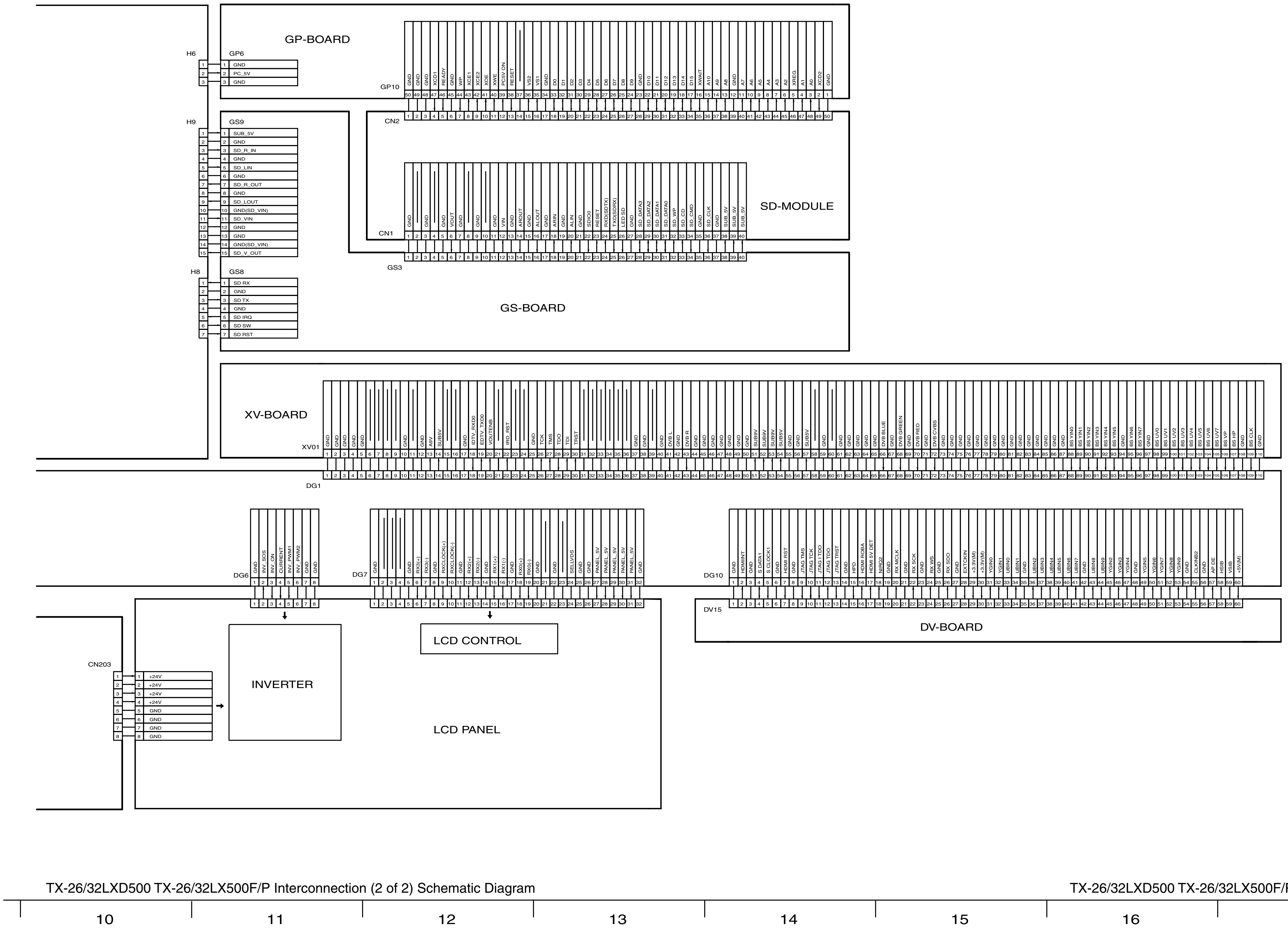
TX-26/32LXD500 TX-26/32LX500F/P H-Board (4 of 4) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P H-Board (4 of 4) Schematic Diagram

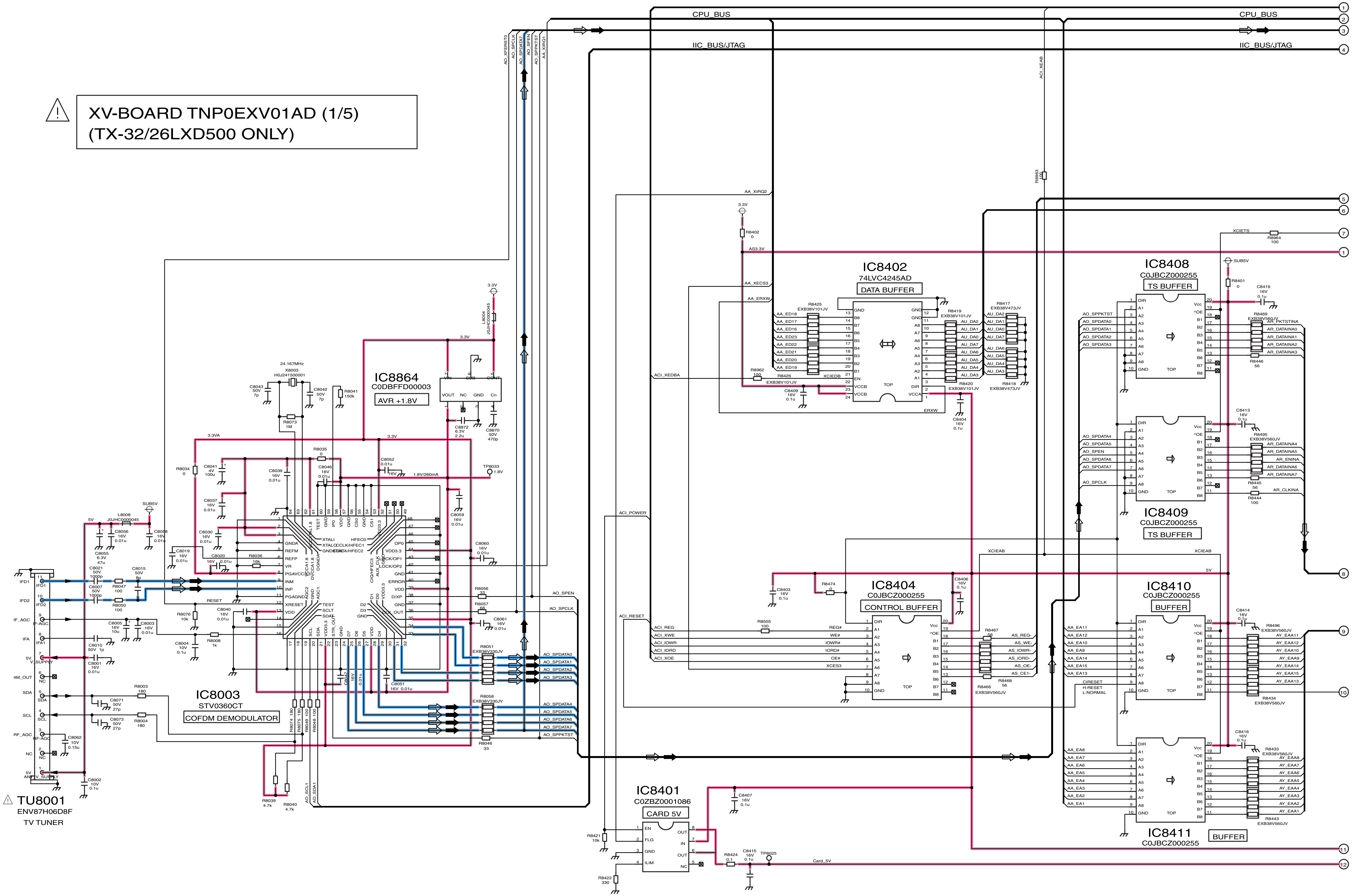

V-BOARD
V1
G-BOARD
G1
1 AI_SENSE
2 SUB_5V
3 REMOTE
4 GND
5 STB_3.3V
6 Timer_REC_LED
7 R_LED
8 GND
9 GND
10 STB_LED
G5
SOUND_16V
SOUND_16V
SOUND_16V
SOUND_16V
SOUND_16V
SOUND_GND
SOUND_GND
SOUND_GND
SOUND_GND
SOUND_GND
SQ_L
GND
WF_L
GND
MUTE
GND
SQ_R
GND
WF_R
GND
H5
G4
SUB 5V
GND
STB_LED
GND
GND
AV3V
Timer_REC_LED
GND
GND
AV3Y (S)
GND
GND
AV3C (S)
GND
AI_SENSE
R_LED
GND
STB_3.3V
REMOTE
KEYSCAN
AV3_LIN
GND
GND
AV3_RIN
GND
GND
HP_LOUT
HP_ROUT
H4
G10
SQ_L +
SQ_L -
Woo_L +
Woo_L -
SQUAWKER(L)
WOOFER(L)
G11
Woo_R +
Woo_R -
SQ_R +
SQ_R -
WOOFER(R)
SQUAWKER(R)
H-BOARD
H12
1 5V
2 SREQ
3 GND
4 SCL3
5 SDA3
6 SCL2
7 SDA2
8 SCL1
9 SDA1
FACTORY USED
H2
GND
GND
GND
DVB_CVBS_OUT
GND
DVB_L_OUT
GND
DVB_R_OUT
GND
PC_VD
GND
PC_HD
GND
PC_R
GND
PC_B
GND
PC_G
GND
SD_IDO
SD_RST
IRD_TIMER_LED
SD_TXD0
SD_RXD0
GND
HDMI_L
GND
HDMI_R
GND
DVB_RED_OUT
GND
DVB_GREEN_OUT
GND
DVB_BLUE_OUT
GND
GND
DG2
H3
SUB_CY/Y/V
GND
SUB_PB/C
GND
SUB_PR
GND
MAIN_Y/V/G
GND
MAIN_PB/C/R
GND
MAIN_PR/B
GND
MAIN_CVBS
GND
FB_OUT
GND
SCL3
SDA3
GND
SCL2
SDA2
GND
SCL1
SDA1
LED_R
STB_3.3V
GND
SOUND_MUTE
SOS2
SRQ
KEYSCAN
AFC1
AI_SENSOR
GND
RMCN
AV4_QLINK
AV2_QLINK
DG3
DG-BOARD
H1
THUNDER_GND
THUNDER_GND
STB_LED
SOUND_GND
SOUND_GND
SOUND_GND
SOUND_16V
SOUND_16V
SOUND_16V
GND
MAIN_5V
GND
PC_5V
GND
SUB_5V
GND
SUB_9V
SUB_9V
GND
GND
MAIN_3.3V
GND
BT_30V
AP1
DG5
GND
SUB_5V
SUB_5V
SUB_5V
GND
GND
STB_5V
GND
GND
24V_ON
PANEL5V_ON
GND
SUB_ON
MAIN_ON
SOS_1
AC_ON
24V_DET
GND
GND
MAIN_5V
MAIN_5V
AP5
DG4
GND
GND
MAIN_9V
MAIN_9V
GND
GND
GND
MAIN_3.3V
MAIN_3.3V
MAIN_3.3V
GND
GND
SUB_9V
SUB_9V
GND
GND
A_9V
GND
GND
PANEL_5V
PANEL_5V
PANEL_5V
GND
AP4
DG8
FRAME1
O/S_SET
FRAME2
TEMP3
TEMP2
TEMP1
GND
FACTORY USED
DG11
STB5V
SRQ
GND
SCL2
SDA2
SCL3
SDA3
EEP_WP
FACTORY USED
DG15
WP
GND
SCL
SDA
FACTORY USED
AP-BOARD
K-BOARD
K6
AP6
1 IN
3 OUT
AC CORD
AP10
1 AC220-240V
2 AC220-240V
AP2
CN101
7 DC-
5 TP 2
3 TP 1
1 DC+
AP3
CN201
1 24V ON
2 GND
3 GND
4 +24V
5 +24V
6 +24V
7 +24V
8 GND
9 GND
10 GND
11 GND
POWER UNIT

TX-26/32LXD500 TX-26/32LX500F/P Interconnection (1 of 2) Schematic Diagram

TX-26/32LXD500 TX-26/32LX500F/P Interconnection (1 of 2) Schematic Diagram


GP-BOARD
H6
GP6
1 GND, 2 PC_5V, 3 GND
GP10
50 GND, 49 GND, 48 GND, 47 XCD1, 46 READY, 45 GND, 44 WP, 43 XCE1, 42 XCE2, 41 XOE, 40 XWE, 39 PC5V ON, 38 RESET, 37, 36 VS2, 35 VS1, 34 GND, 33 D0, 32 D1, 31 D2, 30 D3, 29 D4, 28 D5, 27 D6, 26 D7, 25 D8, 24 D9, 23 GND, 22 D10, 21 D11, 20 D12, 19 D13, 18 D14, 17 D15, 16 XWAIT, 15 A10, 14 A9, 13 A8, 12 GND, 11 A7, 10 A6, 9 A5, 8 A4, 7 A3, 6 A2, 5 XREG, 4 A1, 3 A0, 2 XCD2, 1 GND
CN2
H9
GS9
1 SUB_5V, 2 GND, 3 SD_R_IN, 4 GND, 5 SD_LIN, 6 GND, 7 SD_R_OUT, 8 GND, 9 SD_LOUT, 10 GND(SD_VIN), 11 SD_VIN, 12 GND, 13 GND, 14 GND(SD_VIN), 15 SD_V_OUT
SD-MODULE
CN1
1 GND, 2, 3 GND, 4, 5 GND, 6 VOUT, 7 GND, 8, 9 GND, 10, 11 GND, 12 VIN, 13 GND, 14 AROUT, 15 GND, 16 ALOUT, 17 GND, 18 ARIN, 19 GND, 20 ALIN, 21 GND, 22 SDIO0, 23 RESET, 24 RXD(SDTX), 25 TXD(SDRX), 26 LED SD, 27 GND, 28 SD_DATA3, 29 SD_DATA2, 30 SD_DATA1, 31 SD_DATA0, 32 SD_WP, 33 SD_CD, 34 SD_CMD, 35 GND, 36 SD_CLK, 37 GND, 38 SUB_5V, 39 SUB_5V, 40 SUB_5V
GS3
H8
GS8
1 SD RX, 2 GND, 3 SD TX, 4 GND, 5 SD IRQ, 6 SD SW, 7 SD RST
GS-BOARD
XV-BOARD
XV01
1 GND, 2 GND, 3 GND, 4 GND, 5 GND, 10 GND, 12 GND, 13 A9V, 14 SUB5V, 17 GND, 18 IDTV_RXD0, 19 EDTV_TXD0, 20 VOUTENB, 22 IRD_RST, 25 GND, 26 TCK, 27 TMS, 28 TDO, 29 TDI, 30 TRST, 37 GND, 38 GND, 40 GND, 41 DVB L, 42 GND, 43 DVB R, 44 GND, 45 GND, 46 GND, 47 GND, 48 GND, 49 GND, 50 GND, 51 SUB9V, 52 SUB9V, 53 SUB9V, 54 SUB5V, 55 GND, 56 GND, 57 SUB5V, 59 GND, 61 GND, 62 GND, 63 GND, 64 GND, 65 GND, 66 DVB BLUE, 67 GND, 68 DVB GREEN, 69 GND, 70 DVB RED, 71 GND, 72 DVB CVBS, 73 GND, 74 GND, 75 GND, 76 GND, 77 GND, 78 GND, 79 GND, 80 GND, 81 GND, 82 GND, 83 GND, 84 GND, 85 GND, 86 GND, 87 GND, 88 BS YIN0, 89 BS YIN1, 90 BS YIN2, 91 BS YIN3, 92 BS YIN4, 93 BS YIN5, 94 GND, 95 BS YIN6, 96 BS YIN7, 97 GND, 98 BS UV0, 99 BS UV1, 100 BS UV2, 101 BS UV3, 102 BS UV4, 103 BS UV5, 104 BS UV6, 105 BS UV7, 106 BS VP, 107 BS HP, 108 GND, 109 BS CLK, 110 GND
DG1
DG6
1 GND, 2 INV_SOS, 3 INV_ON, 4 CURRENT, 5 INV_PWM1, 6 INV_PWM2, 7 GND, 8 GND
DG7
1 GND, 5 GND, 6 RX3(+), 7 RX3(-), 8 GND, 9 RXCLOCK(+), 10 RXCLOCK(-), 11 GND, 12 RX2(+), 13 RX2(-), 14 GND, 15 RX1(+), 16 RX1(-), 17 GND, 18 RX0(+), 19 RX0(-), 20 GND, 22 GND, 24 SELLVDS, 25 GND, 26 GND, 27 PANEL_5V, 28 PANEL_5V, 29 PANEL_5V, 30 PANEL_5V, 31 PANEL_5V, 32 GND
DG10
1 GND, 2 HDMIINT, 3 GND, 4 S DATA1, 5 S CLOCK1, 6 GND, 7 HDMI RST, 8 GND, 9 JTAG TMS, 10 JTAG TCK, 11 JTAG I TDO, 12 JTAG TDO, 13 JTAG TRST, 14 GND, 15 HPD, 16 HDMI ROBA, 17 HDMI 5V DET, 18 NIRQ2, 19 GND, 20 RX MCLK, 21 GND, 22 RX SCK, 23 GND, 24 RX WS, 25 GND, 26 RX SDO, 27 GND, 28 EXTCKIN, 29 +3.3V(M), 30 +3.3V(M), 31 YGIN0, 32 YGIN1, 33 UBIN0, 34 UBIN1, 35 GND, 36 UBIN2, 37 UBIN3, 38 UBIN4, 39 UBIN5, 40 UBIN6, 41 UBIN7, 42 GND, 43 UBIN8, 44 UBIN9, 45 YGIN2, 46 YGIN3, 47 YGIN4, 48 GND, 49 YGIN5, 50 YGIN6, 51 YGIN7, 52 YGIN8, 53 YGIN9, 54 GND, 55 CLKINB2, 56 GND, 57 AP DE, 58 HSIB, 59 VSIB, 60 +5V(M)
DV15
DV-BOARD
LCD CONTROL
INVERTER
LCD PANEL
CN203
1 +24V, 2 +24V, 3 +24V, 4 +24V, 5 GND, 6 GND, 7 GND, 8 GND
10
11
12
13
14
15
16
17
18

XV-BOARD TNP0EXV01AD (1/5)
(TX-32/26LXD500 ONLY)

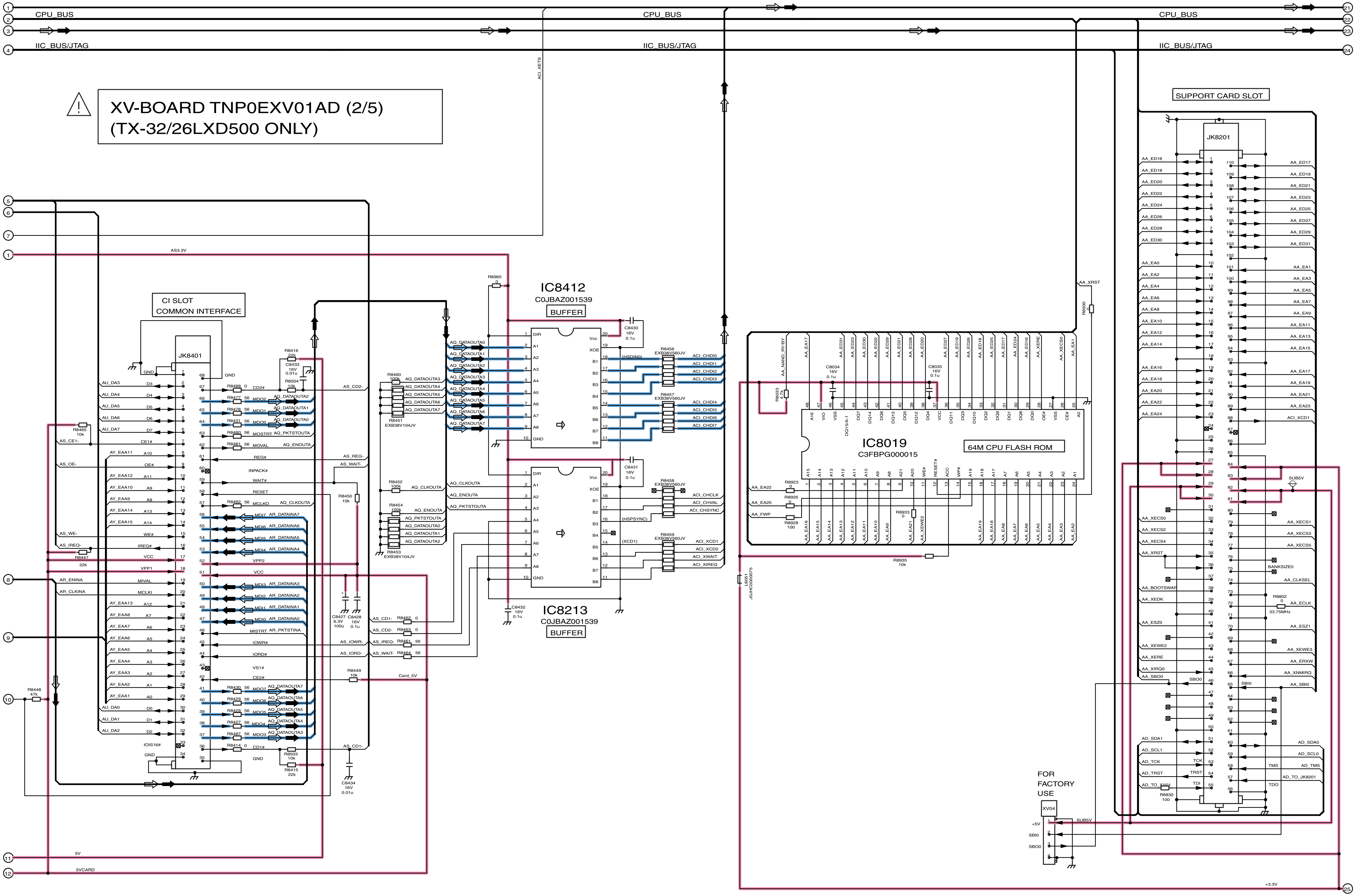

A
B
C
D
E
CPU_BUS
IIC_BUS/JTAG
AO_XFERST0
AO_SPCLK
AO_SPDATA7
AO_SPEN
AA_XIRQ1
AA_XIRQ2
AA_XECS3
AA_ERXW
ACI_XEDBA
ACI_POWER
ACI_RESET
TU8001
ENV87H06D8F
TV TUNER
IFD1
IFD2
IF_AGC
IFA
4M_OUT
SDA
SCL
RF_AGC
NC
5V
V_SUPPLY
SUB5V
L8008
J0JHC0000045
IC8003
STV0360CT
COFDM DEMODULATOR
IC8864
C0DBFFD00003
AVR +1.8V
X8003
H0J241500001
24.167MHz
3.3V
3.3VA
1.8V/260mA
TP8033
R8051
EXB38V330JV
R8058
EXB38V330JV
R8046
33
AO_SPEN
AO_SPCLK
AO_SPDATA0
AO_SPDATA1
AO_SPDATA2
AO_SPDATA3
AO_SPDATA4
AO_SPDATA5
AO_SPDATA6
AO_SPDATA7
AO_SPPKTST
R8039
4.7k
R8040
4.7k
AO_SCL1
AO_SDA1
IC8402
74LVC4245AD
DATA BUFFER
AA_ED16
AA_ED17
AA_ED18
AA_ED19
AA_ED20
AA_ED21
AA_ED22
AA_ED23
AU_DA0
AU_DA1
AU_DA2
AU_DA3
AU_DA4
AU_DA5
AU_DA6
AU_DA7
R8425
EXB38V101JV
R8426
EXB38V101JV
R8419
EXB38V101JV
R8420
EXB38V101JV
R8417
EXB38V473JV
R8418
EXB38V473JV
R8402
AS3.3V
R8962
XCIEDB
ERXW
IC8408
C0JBCZ000255
TS BUFFER
IC8409
C0JBCZ000255
TS BUFFER
XCIETS
R8964
100
AR_PKTSTINA
AR_DATAINA0
AR_DATAINA1
AR_DATAINA2
AR_DATAINA3
AR_DATAINA4
AR_DATAINA5
AR_ENINA
AR_DATAINA6
AR_DATAINA7
AR_CLKINA
R8469
EXB38V560JV
R8495
EXB38V560JV
XCIEAB
IC8404
C0JBCZ000255
CONTROL BUFFER
ACI_REG
ACI_XWE
ACI_IOWR
ACI_IORD
ACI_XOE
REG#
WE#
IOWR#
IORD#
OE#
XCES3
AS_REG-
AS_WE-
AS_IOWR-
AS_IORD-
AS_OE-
AS_CE1-
R8466
EXB38V560JV
R8467
R8468
R8474
R8505
100
IC8410
C0JBCZ000255
BUFFER
IC8411
C0JBCZ000255
BUFFER
AA_EA9
AA_EA10
AA_EA11
AA_EA12
AA_EA13
AA_EA14
AA_EA15
AY_EAA9
AY_EAA10
AY_EAA11
AY_EAA12
AY_EAA13
AY_EAA14
AY_EAA15
AA_EA1
AA_EA2
AA_EA3
AA_EA4
AA_EA5
AA_EA6
AA_EA7
AA_EA8
AY_EAA1
AY_EAA2
AY_EAA3
AY_EAA4
AY_EAA5
AY_EAA6
AY_EAA7
AY_EAA8
CIRESET
H:RESET
L:NORMAL
R8434
EXB38V560JV
R8443
EXB38V560JV
IC8401
C0ZBZ0001086
CARD 5V
EN
FLG
GND
ILIM
OUT
IN
NC
R8421
10k
R8422
330
R8424
TP8025
Card_5V
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

TX-32/26LXD500
XV-Board (1 of 5) Schematic Diagram

TX-32/26LXD500
XV-Board (1 of 5) Schematic Diagram

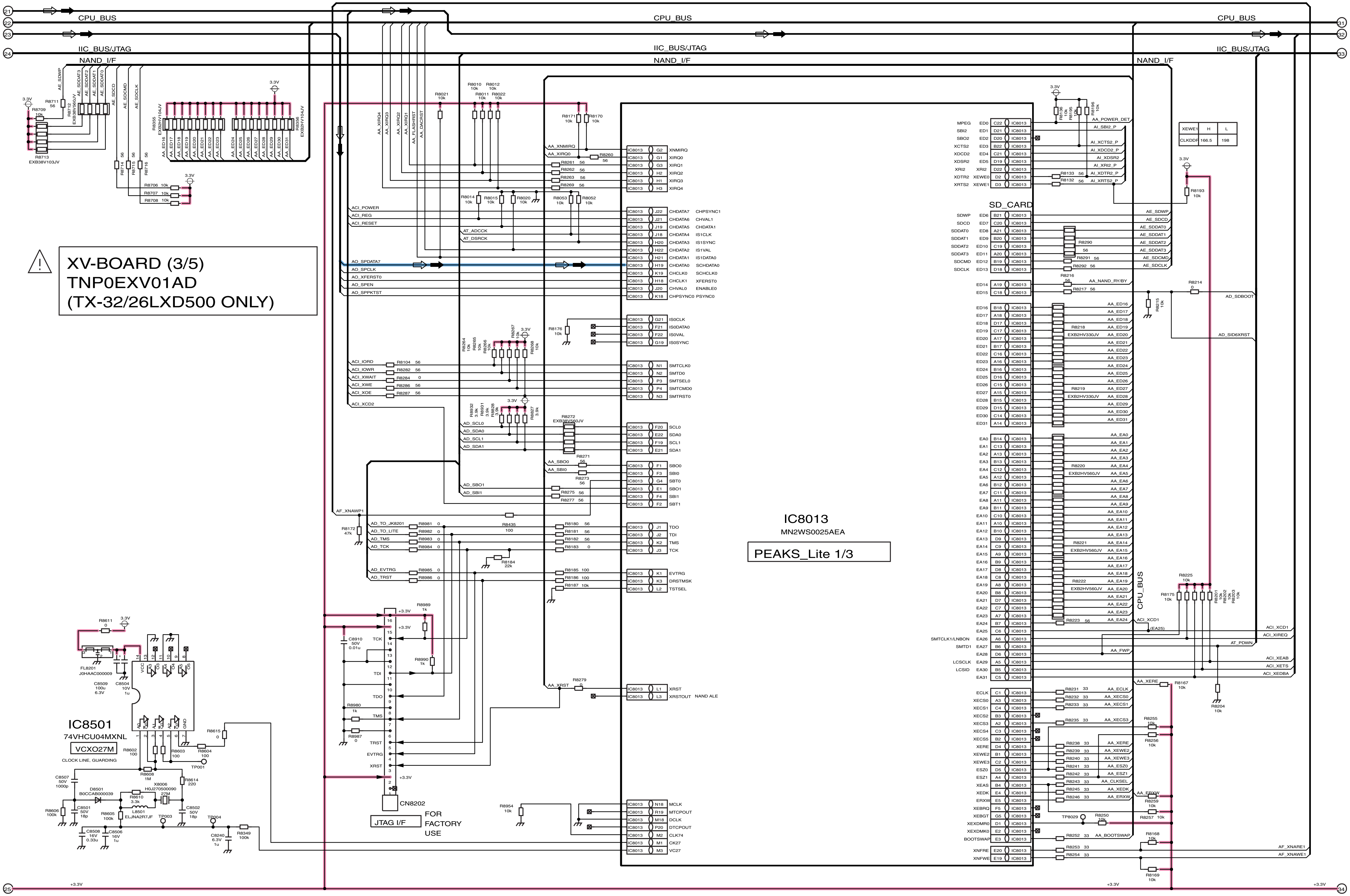
1
2
3
4
5
6
7
8

XV-BOARD TNP0EXV01AD (2/5)
(TX-32/26LXD500 ONLY)

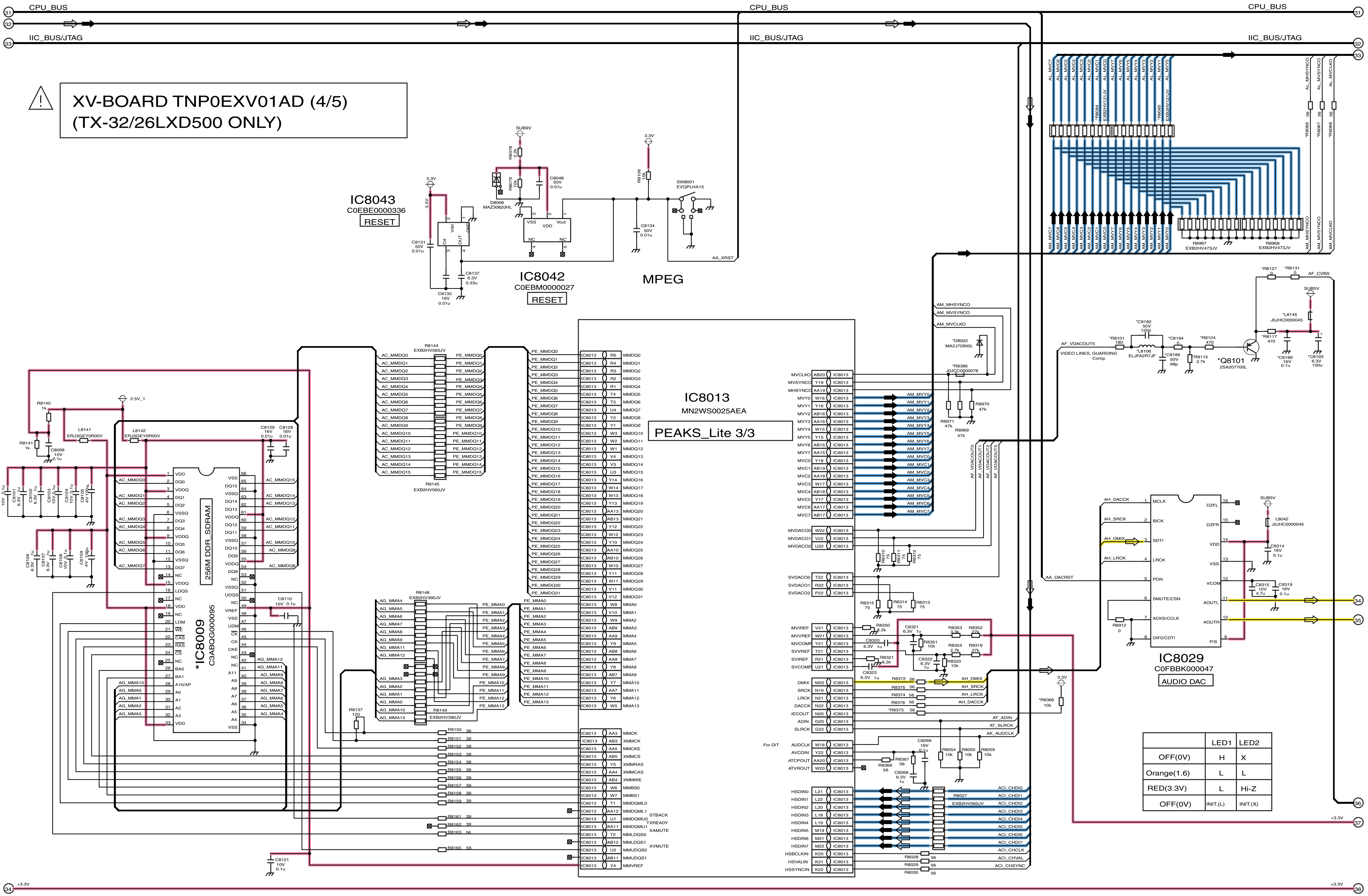

CPU_BUS
IIC_BUS/JTAG
AS3.3V
ACI_XETS
CI SLOT
COMMON INTERFACE
JK8401
IC8412
C0JBAZ001539
BUFFER
IC8213
C0JBAZ001539
BUFFER
IC8019
C3FBPG000015
64M CPU FLASH ROM
SUPPORT CARD SLOT
JK8201
FOR
FACTORY
USE
XV04
SUB5V
+5V
SBI0
SBO0
5V
5VCARD
+3.3V
EXB38V104JV
EXB38V560JV
AA_XRST
BANKSIZE0
33.75MHz
AQ_CLKOUTA
AQ_ENOUTA
AQ_PKTSTOUTA
ACI_CHCLK
ACI_CHVAL
ACI_CHSYNC
ACI_XCD1
ACI_XCD2
ACI_XWAIT
ACI_XIREQ
Card_5V
1
2
3
4
5
6
7
8
9
10
11
12
21
22
23
24
25

TX-32/26LXD500
XV-Board (2 of 5) Schematic Diagram

TX-32/26LXD500
XV-Board (2 of 5) Schematic Diagram


XV-BOARD (3/5)
TNP0EXV01AD
(TX-32/26LXD500 ONLY)
CPU_BUS
IIC_BUS/JTAG
NAND_I/F
SD_CARD
IC8013
MN2WS0025AEA
PEAKS_Lite 1/3
IC8501
74VHCU04MXNL
VCXO27M
CLOCK LINE, GUARDING
CN8202
JTAG I/F
FOR FACTORY USE
X8006
H0J270500090
27M
FL8201
J0HAAC000009
D8501
B0CCAB000039
L8501
ELJNA2R7JF
TP001
TP003
TP004
TP8029
XEWE1 H L
CLKDDR 166.5 198
+3.3V
3.3V
21
22
23
24
25
31
32
33
34

XV-BOARD TNP0EXV01AD (4/5)
(TX-32/26LXD500 ONLY)

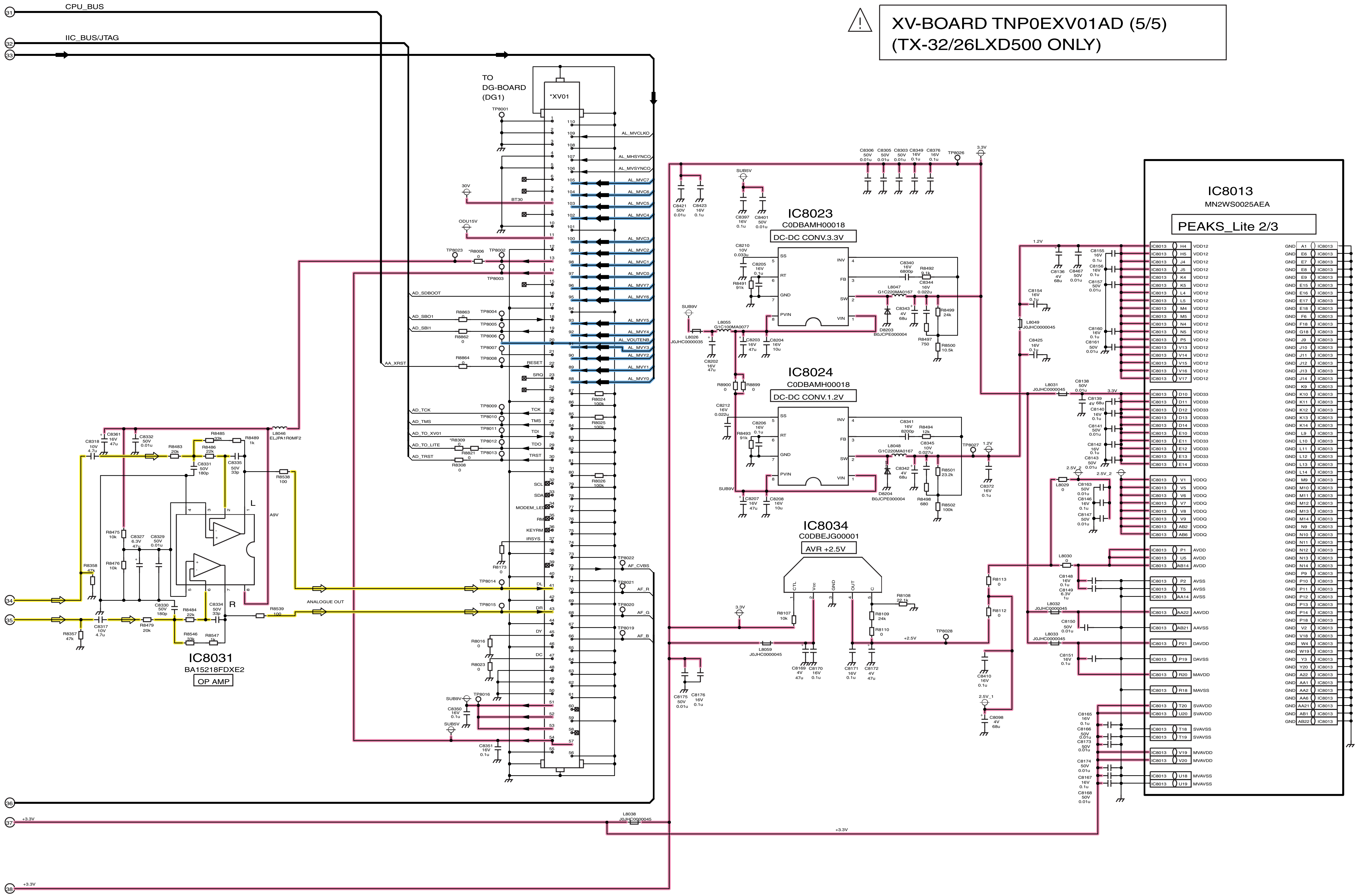

CPU_BUS
IIC_BUS/JTAG
IC8043
C0EBE0000336
RESET
IC8042
C0EBM0000027
RESET
MPEG
SW8001
EVQPLHA15
D8006
MAZ30820HL
SUB9V
3.3V
2.5V_1
AA_XRST
*IC8009
C3ABQG000095
256M DDR_SDRAM
IC8013
MN2WS0025AEA
PEAKS_Lite 3/3
IC8029
C0FBBK000047
AUDIO DAC
*Q8101
2SA207700L
AF_VDACOUT5
VIDEO LINES, GUARDING Comp.
AF_CVBS
SUB5V
AH_DACCK
AH_SRCK
AH_DMIX
AH_LRCK
AA_DACRST
MCLK
BICK
SDTI
LRCK
PDN
SMUTE/CSN
ACKS/CCLK
DIF0/CDTI
DZFL
DZFR
VDD
VSS
VCOM
AOUTL
AOUTR
P/S
R8144
EXB2HV560JV
R8145
EXB2HV560JV
R8148
EXB2HV390JV
R8149
EXB2HV390JV
R8967
EXB2HV473JV
R8968
EXB2HV473JV
For DIT
+3.3V
31
32
33
34
35
36
37
38

	LED1	LED2
OFF(0V)	H	X
Orange(1.6)	L	L
RED(3.3V)	L	Hi-Z
OFF(0V)	INIT.(L)	INIT.(X)

TX-32/26LXD500
XV-Board (4 of 5) Schematic Diagram

TX-32/26LXD500
XV-Board (4 of 5) Schematic Diagram

XV-BOARD TNP0EXV01AD (5/5)
(TX-32/26LXD500 ONLY)


CPU_BUS
IIC_BUS/JTAG
TO DG-BOARD (DG1)
*XV01
IC8023
C0DBAMH00018
DC-DC CONV.3.3V
IC8024
C0DBAMH00018
DC-DC CONV.1.2V
IC8034
C0DBEJG00001
AVR +2.5V
IC8031
BA15218FDXE2
OP AMP
IC8013
MN2WS0025AEA
PEAKS_Lite 2/3
ANALOGUE OUT
SUB5V
SUB9V
3.3V
1.2V
2.5V
+3.3V
AL_MVCLKO
AL_MHSYNCO
AL_MVSYNCO
AD_SDBOOT
AD_SBO1
AD_SBI1
AA_XRST
AD_TCK
AD_TMS
AD_TO_XV01
AD_TO_LITE
AD_TRST
AF_CVBS
AF_R
AF_G
AF_B
L
R

11 Schematic Diagram

11.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

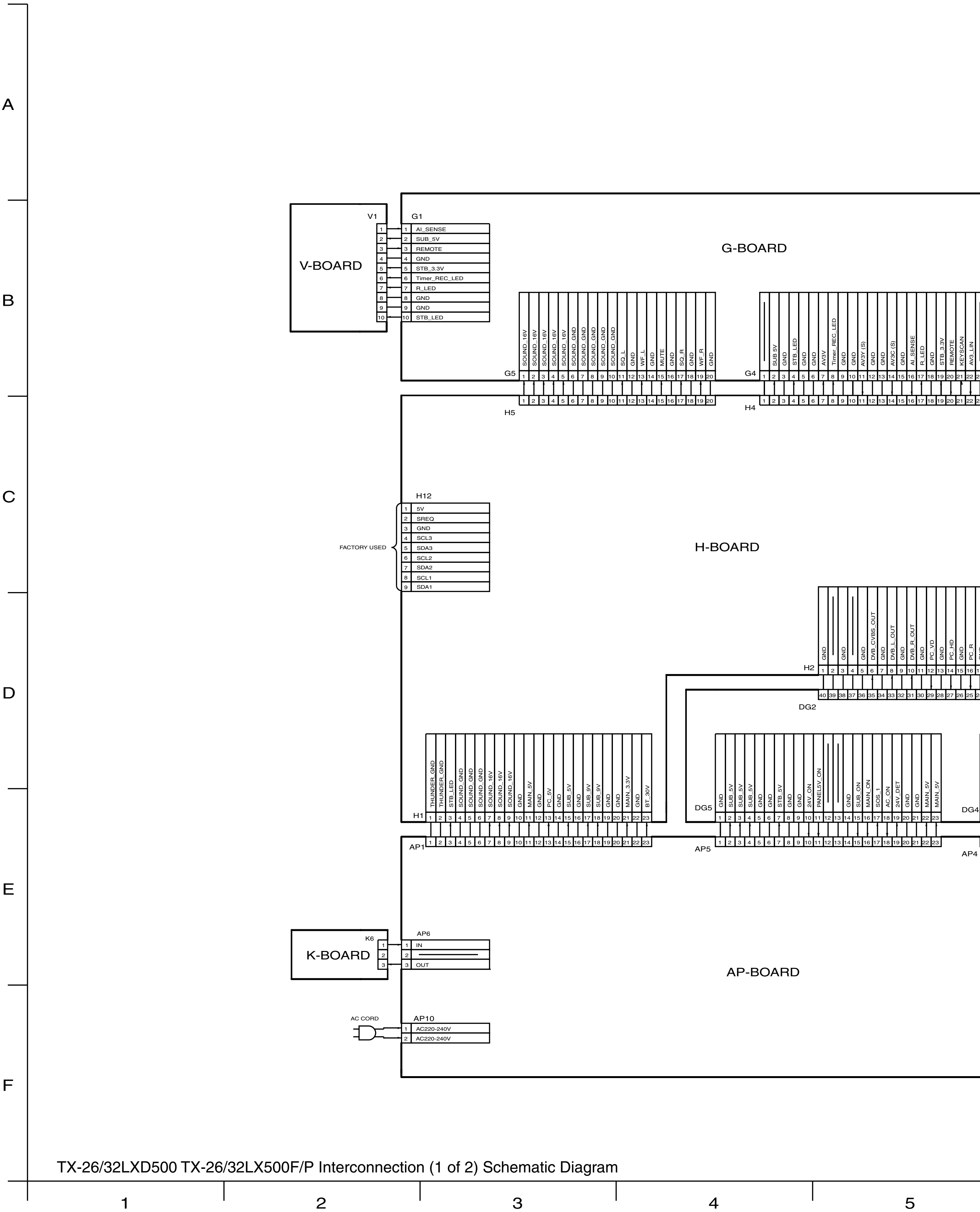
Notes:

1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is µF, unless otherwise noted.
3. Coil
   Unit of inductance is µF, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ▽ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source .... AC 220-240V, 50/60Hz
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. Number in red circle indicates waveform nember.
   (See waveform pattern table.)
8. When arrow mark (↗) is found, connection is easily found from the direction of arrow
9. Indicates the major signal flow. : Video ➡ Audio ⇨
10. This schematic diagram is the latest at the time of printing and subject to change without notice.

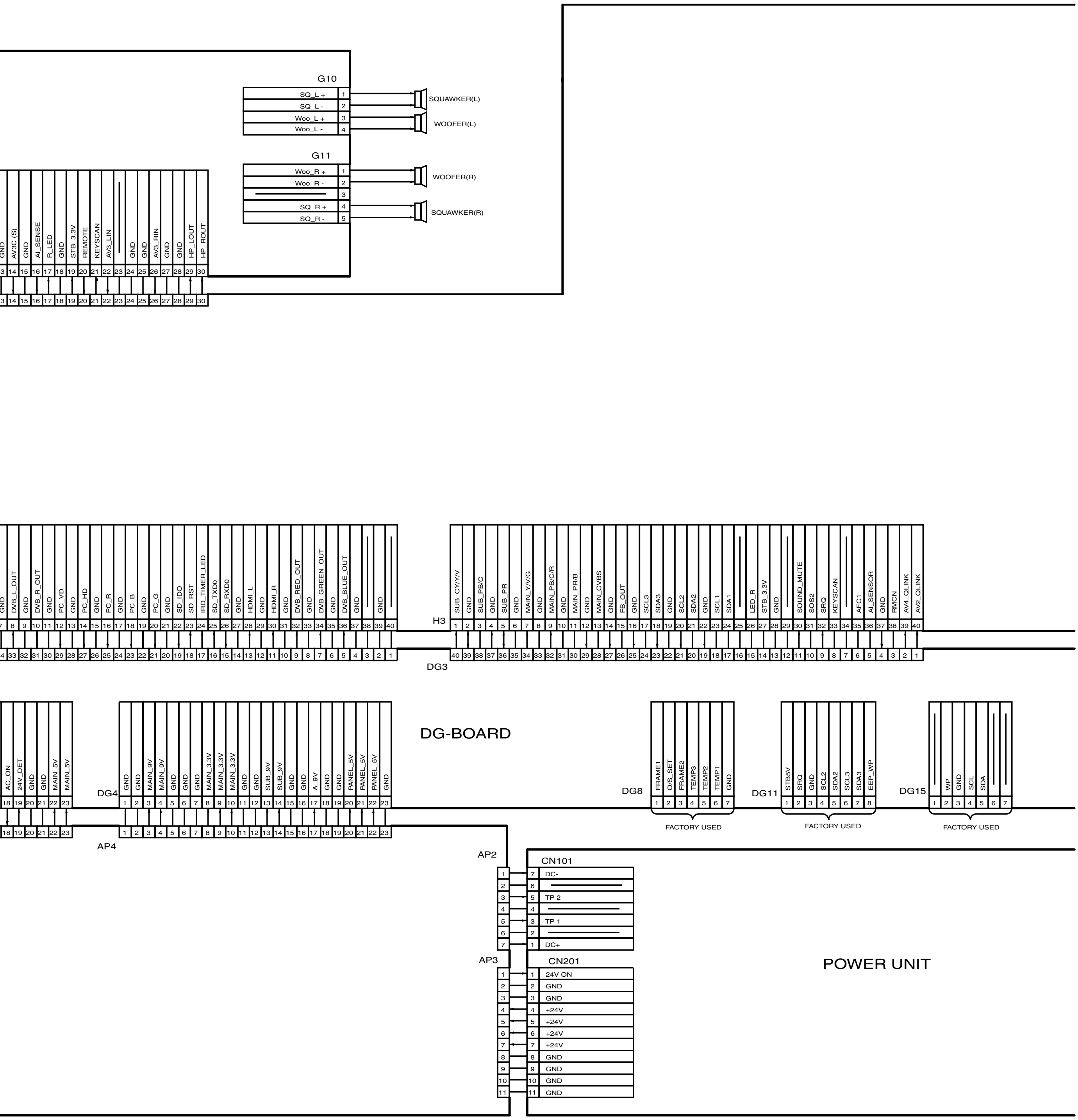
Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   - a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   - b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   - c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
     Connect the earth of instruments to the earth connection of the circuit being measured.
   - d. Make sure to disconnect the power plug before removing the chassis.

11.2. Interconnection (1 of 2) Schematic Diagram


A
B
C
D
E
F
1
2
3
4
5
V-BOARD
V1
G1
AI_SENSE
SUB_5V
REMOTE
GND
STB_3.3V
Timer_REC_LED
R_LED
GND
GND
STB_LED
G-BOARD
G5
SOUND_16V
SOUND_16V
SOUND_16V
SOUND_16V
SOUND_16V
SOUND_GND
SOUND_GND
SOUND_GND
SOUND_GND
SOUND_GND
SQ_L
GND
WF_L
GND
MUTE
GND
SQ_R
GND
WF_R
GND
H5
G4
SUB 5V
GND
STB_LED
GND
GND
AV3V
Timer_REC_LED
GND
GND
AV3Y (S)
GND
GND
AV3C (S)
GND
AI_SENSE
R_LED
GND
STB_3.3V
REMOTE
KEYSCAN
AV3_LIN
H4
H12
5V
SREQ
GND
SCL3
SDA3
SCL2
SDA2
SCL1
SDA1
FACTORY USED
H-BOARD
H2
GND
GND
GND
DVB_CVBS_OUT
GND
DVB_L_OUT
GND
DVB_R_OUT
GND
PC_VD
GND
PC_HD
GND
PC_R
DG2
H1
THUNDER_GND
THUNDER_GND
STB_LED
SOUND_GND
SOUND_GND
SOUND_GND
SOUND_16V
SOUND_16V
SOUND_16V
GND
MAIN_5V
GND
PC_5V
GND
SUB_5V
GND
SUB_9V
SUB_9V
GND
GND
MAIN_3.3V
GND
BT_30V
AP1
DG5
GND
SUB_5V
SUB_5V
SUB_5V
GND
GND
STB_5V
GND
GND
24V_ON
PANEL5V_ON
GND
SUB_ON
MAIN_ON
SOS_1
AC_ON
24V_DET
GND
GND
MAIN_5V
MAIN_5V
AP5
DG4
AP4
K-BOARD
K6
AP6
IN
OUT
AP-BOARD
AC CORD
AP10
AC220-240V
AC220-240V

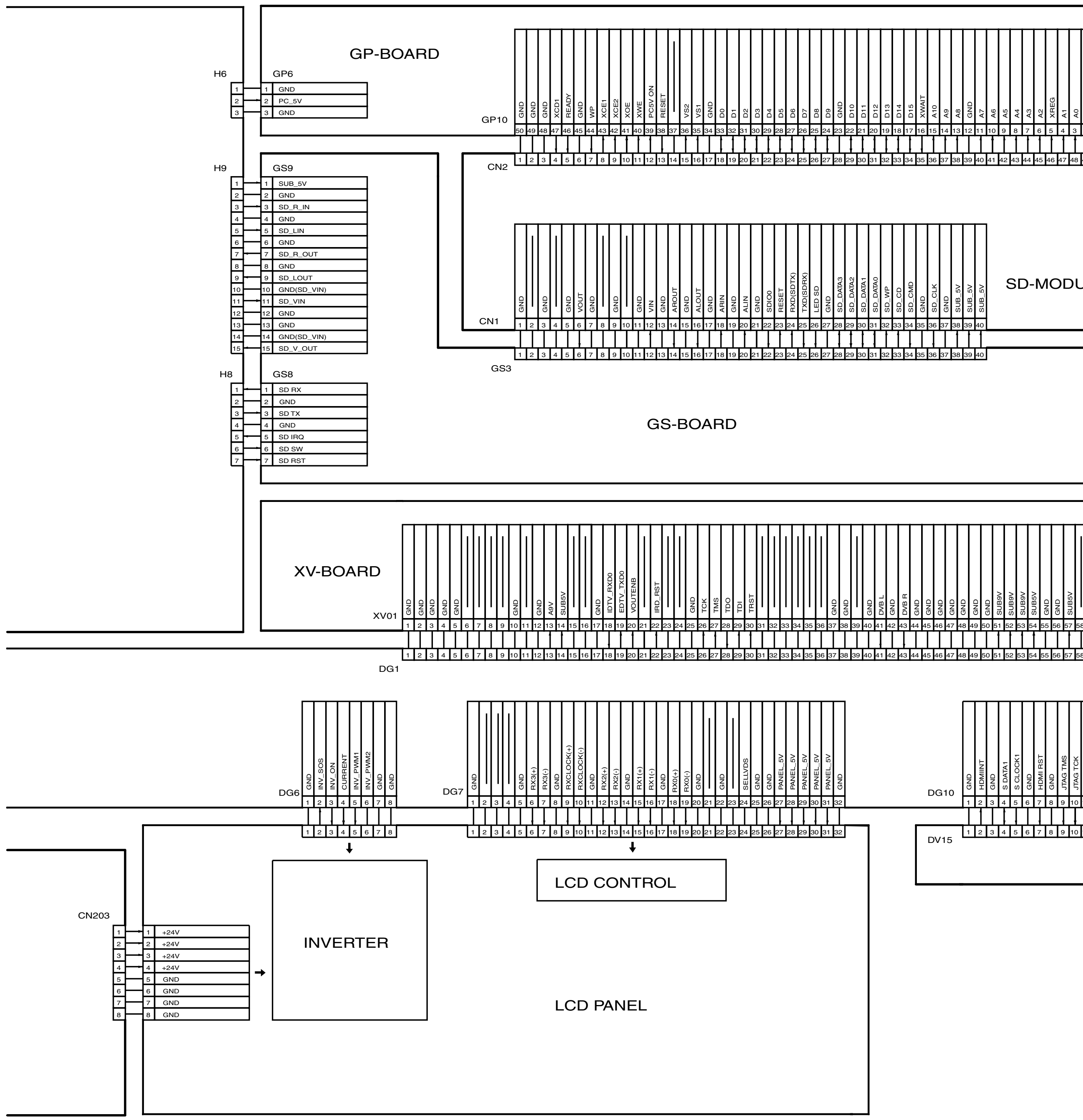
TX-26/32LXD500 TX-26/32LX500F/P Interconnection (1 of 2) Schematic Diagram


G10
SQ_L +
SQ_L -
Woo_L +
Woo_L -
SQUAWKER(L)
WOOFER(L)
G11
Woo_R +
Woo_R -
SQ_R +
SQ_R -
WOOFER(R)
SQUAWKER(R)
GND
AV3C (S)
GND
AI_SENSE
R_LED
GND
STB_3.3V
REMOTE
KEYSCAN
AV3_LIN
GND
GND
AV3_RIN
GND
HP_LOUT
HP_ROUT
DVB_L_OUT
DVB_R_OUT
PC_VD
PC_HD
PC_R
PC_B
PC_G
SD_IDO
SD_RST
IRD_TIMER_LED
SD_TXD0
SD_RXD0
HDMI_L
HDMI_R
DVB_RED_OUT
DVB_GREEN_OUT
DVB_BLUE_OUT
H3
SUB_CY/YV
SUB_PB/C
SUB_PR
MAIN_Y/V/G
MAIN_PB/C/R
MAIN_PR/B
MAIN_CVBS
FB_OUT
SCL3
SDA3
SCL2
SDA2
SCL1
SDA1
LED_R
STB_3.3V
SOUND_MUTE
SOS2
SRQ
KEYSCAN
AFC1
AI_SENSOR
RMCN
AV4_QLINK
AV2_QLINK
DG3
DG-BOARD
AC_ON
24V_DET
MAIN_5V
DG4
MAIN_9V
MAIN_3.3V
SUB_9V
A_9V
PANEL_5V
AP4
DG8
FRAME1
O/S_SET
FRAME2
TEMP3
TEMP2
TEMP1
FACTORY USED
DG11
STB5V
SRQ
SCL2
SDA2
SCL3
SDA3
EEP_WP
FACTORY USED
DG15
WP
SCL
SDA
FACTORY USED
AP2
CN101
DC-
TP 2
TP 1
DC+
AP3
CN201
24V ON
GND
+24V
POWER UNIT

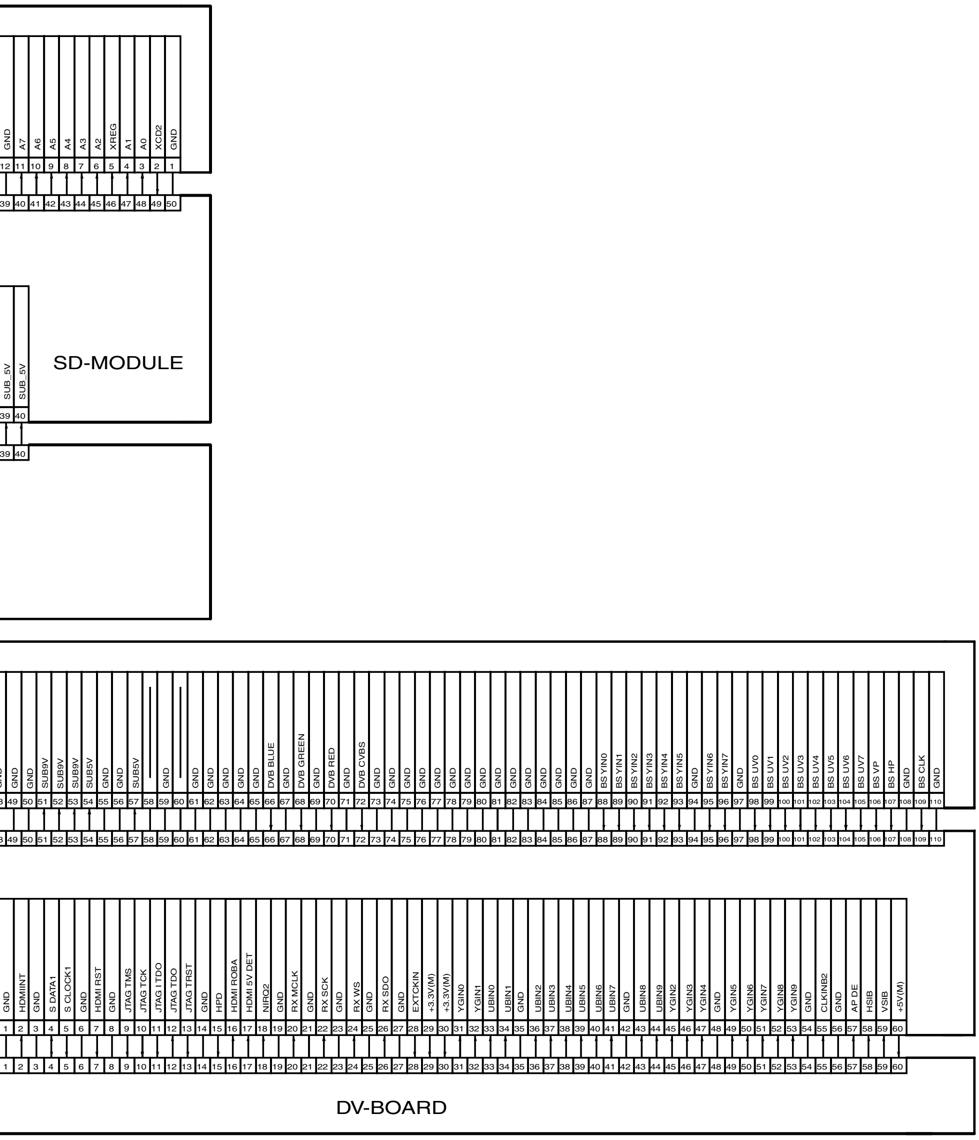
TX-26/32LXD500 TX-26/32LX500F/P Interconnection (1 of 2) Schematic Diagram

5 6 7 8 9

11.3. Interconnection (2 of 2) Schematic Diagram

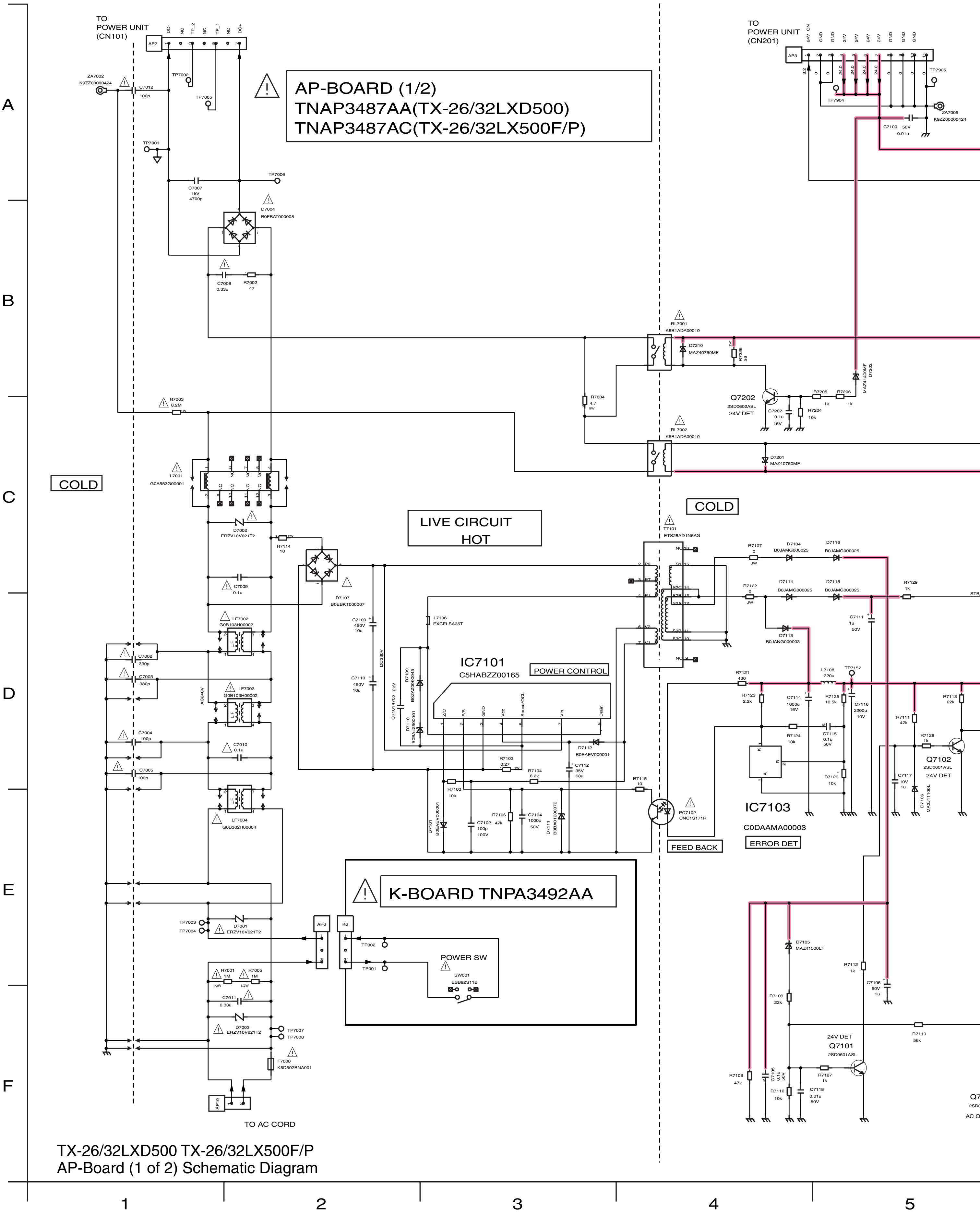

GP-BOARD
H6
GP6
GND
PC_5V
GND
GP10
CN2
GND GND GND XCD1 READY GND WP XCE1 XCE2 XOE XWE PC5V ON RESET VS2 VS1 GND D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 GND D10 D11 D12 D13 D14 D15 XWAIT A10 A9 A8 GND A7 A6 A5 A4 A3 A2 XREG A1 A0
H9
GS9
SUB_5V
GND
SD_R_IN
GND
SD_LIN
GND
SD_R_OUT
GND
SD_LOUT
GND(SD_VIN)
SD_VIN
GND
GND
GND(SD_VIN)
SD_V_OUT
CN1
GND GND GND VOUT GND GND GND VIN GND AROUT GND ALOUT GND ARIN GND ALIN GND SDIO0 RESET RXD(SDTX) TXD(SDRX) LED SD GND SD_DATA3 SD_DATA2 SD_DATA1 SD_DATA0 SD_WP SD_CD SD_CMD GND SD_CLK GND SUB_5V SUB_5V
SD-MODU
GS3
H8
GS8
SD RX
GND
SD TX
GND
SD IRQ
SD SW
SD RST
GS-BOARD
XV-BOARD
XV01
GND GND GND GND GND GND A9V SUB5V GND IDTV_RXD0 EDTV_TXD0 VOUTENB IRD_RST GND TCK TMS TDO TDI TRST GND GND GND DVB L GND DVB R GND GND GND GND GND SUB9V SUB9V SUB9V SUB5V GND SUB5V
DG1
DG6
GND INV_SOS INV_ON CURRENT INV_PWM1 INV_PWM2 GND GND
DG7
GND GND RX3(+) RX3(-) GND RXCLOCK(+) RXCLOCK(-) GND RX2(+) RX2(-) GND RX1(+) RX1(-) GND RX0(+) RX0(-) GND GND SELLVDS GND GND PANEL_5V PANEL_5V PANEL_5V PANEL_5V GND
DG10
GND HDMIINT GND S DATA1 S CLOCK1 GND HDMI RST GND JTAG TMS JTAG TCK
DV15
CN203
+24V
+24V
+24V
+24V
GND
GND
GND
GND
INVERTER
LCD CONTROL
LCD PANEL
10
11
12
13
14

TX-26/32LXD500 TX-26/32LX500F/P Interconnection (2 of 2) Schematic Diagram

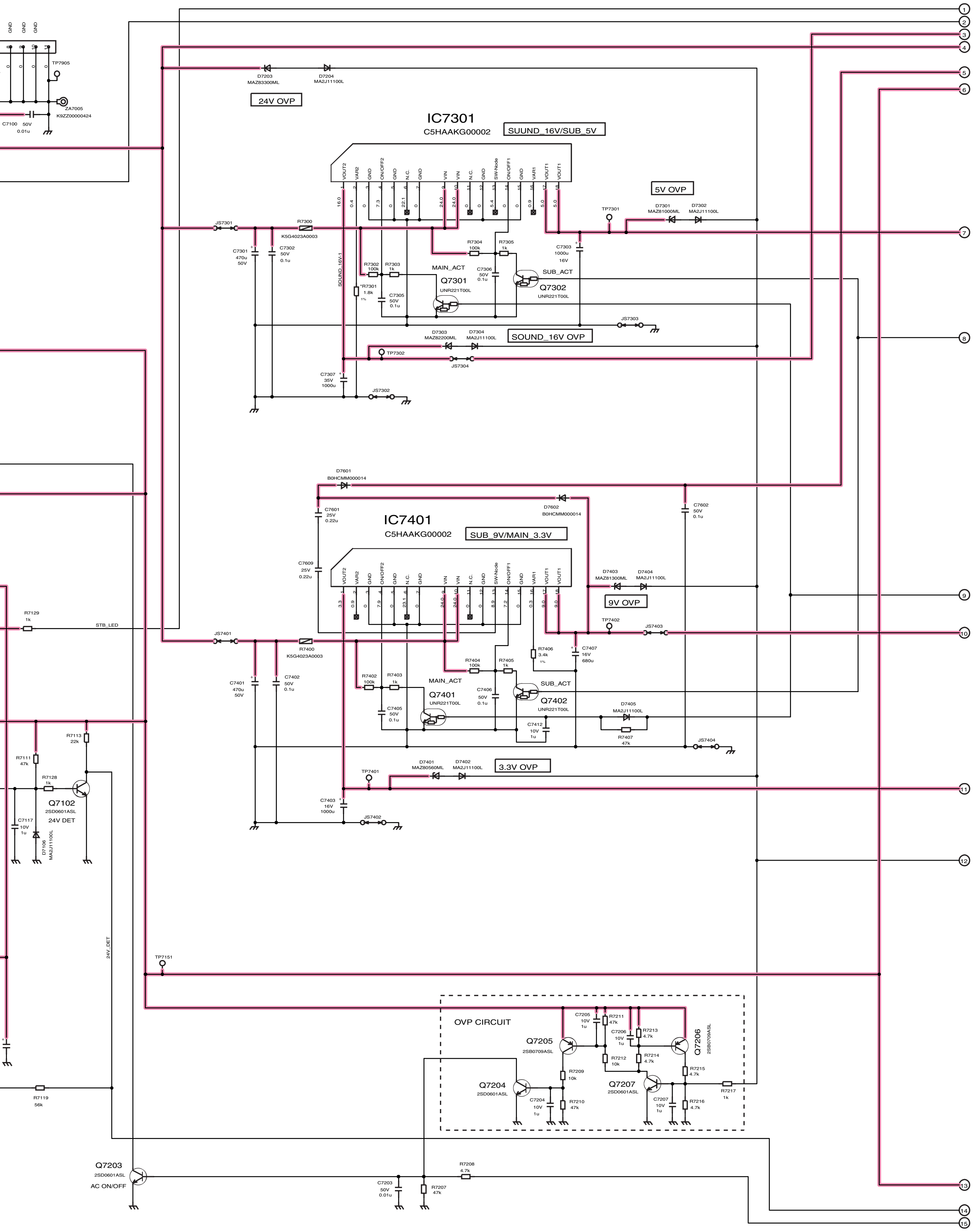

SD-MODULE
DV-BOARD
GND
A7
A6
A5
A4
A3
A2
XREG
A1
A0
XCD2
GND
SUB_5V
SUB_5V

TX-26/32LXD500 TX-26/32LX500F/P Interconnection (2 of 2) Schematic Diagram

11.4. AP-Board (1 of 2) Schematic Diagram


A
B
C
D
E
F
1
2
3
4
5
TO POWER UNIT (CN101)
AP2
DC-
NC
TP_2
NC
TP_1
NC
DC+
ZA7002
K9ZZ00000424
C7012
100p
TP7002
TP7005
TP7001
AP-BOARD (1/2)
TNAP3487AA(TX-26/32LXD500)
TNAP3487AC(TX-26/32LX500F/P)
C7007
1kV
4700p
TP7006
D7004
B0FBAT000008
C7008
0.33u
R7002
47
R7003
8.2M
L7001
G0A553G00001
COLD
D7002
ERZV10V621T2
R7114
10
C7009
0.1u
D7107
B0EBKT000007
LF7002
G0B103H00002
C7002
330p
C7003
330p
AC240V
LF7003
G0B103H00002
C7004
100p
C7010
0.1u
C7005
100p
LF7004
G0B302H00004
LIVE CIRCUIT
HOT
C7109
450V
10u
C7110
450V
10u
DC330V
L7106
EXCELSA35T
D7109
B0ZA00000045
C7101 4700p 2kV
D7110
B0BA42000001
IC7101
C5HABZZ00165
POWER CONTROL
Z/C
F/B
GND
Vcc
Souce/OCL
Vin
Drain
D7112
B0EAEV000001
R7102
0.27
R7104
8.2k
C7112
35V
68u
R7103
10k
R7115
10
D7101
B0EAEV000001
C7102
100p
100V
R7106
47k
C7104
1000p
50V
D7111
B0BA01000070
PC7102
CNC1S171R
FEED BACK
K-BOARD TNPA3492AA
TP7003
TP7004
D7001
ERZV10V621T2
AP6
K6
TP002
TP001
POWER SW
SW001
ESB92S11B
R7001
1M
R7005
1M
C7011
0.33u
D7003
ERZV10V621T2
TP7007
TP7008
F7000
K5D502BNA001
AP10
TO AC CORD
TO POWER UNIT (CN201)
AP3
24V_ON
GND
GND
24V
24V
24V
24V
GND
GND
GND
TP7905
TP7904
ZA7005
K9ZZ00000424
C7100
50V
0.01u
RL7001
K6B1ADA00010
D7210
MAZ40750MF
R7226
56
D7202
MAZ41600MF
R7004
4.7
Q7202
2SD0602ASL
24V DET
C7202
0.1u
16V
R7205
1k
R7206
1k
R7204
10k
RL7002
K6B1ADA00010
D7201
MAZ40750MF
COLD
T7101
ETS25AD1N6AG
R7107
0
D7104
B0JAMG000025
D7116
B0JAMG000025
R7122
0
D7114
B0JAMG000025
D7115
B0JAMG000025
R7129
1k
STB
C7111
1u
50V
D7113
B0JANG000003
R7121
430
L7108
220u
TP7152
R7123
2.2k
C7114
1000u
16V
R7125
10.5k
C7116
2200u
10V
R7113
22k
R7111
47k
R7124
10k
C7115
0.1u
50V
R7128
1k
Q7102
2SD0601ASL
24V DET
R7126
10k
C7117
10V
1u
D7106
MA2J1110L
IC7103
C0DAAMA00003
ERROR DET
D7105
MAZ41500LF
R7112
1k
C7106
50V
1u
R7109
22k
R7119
56k
24V DET
Q7101
2SD0601ASL
R7108
47k
C7105
0.1u
50V
R7127
1k
R7110
10k
C7118
0.01u
50V
AC O

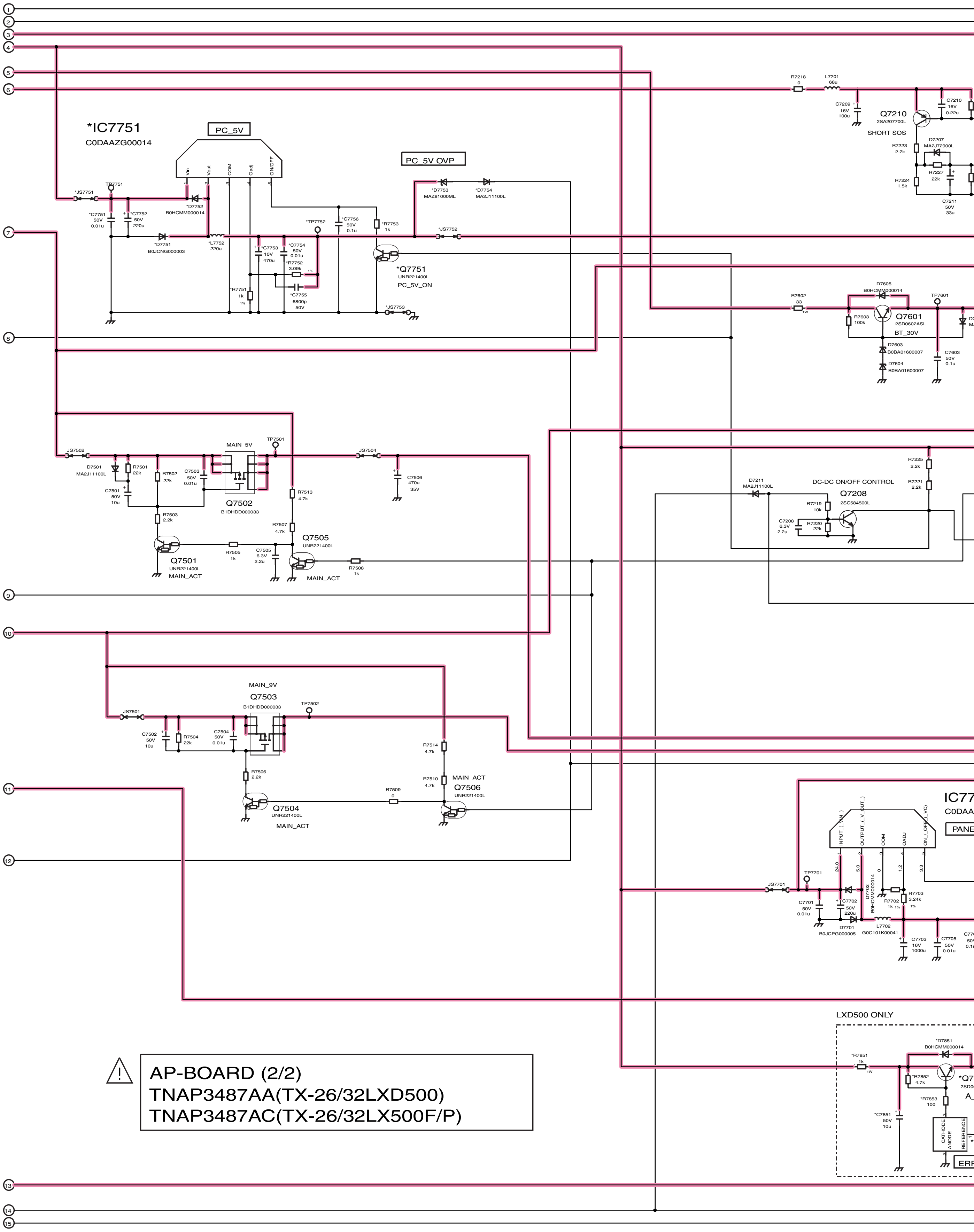
TX-26/32LXD500 TX-26/32LX500F/P
AP-Board (1 of 2) Schematic Diagram


IC7301
C5HAAKG00002
SUUND_16V/SUB_5V
VOUT2
VAR2
GND
ON/OFF2
N.C.
VIN
SW-Node
ON/OFF1
VAR1
VOUT1
24V OVP
D7203
MAZ83300ML
D7204
MA2J11100L
5V OVP
D7301
MAZ81000ML
D7302
MA2J11100L
TP7301
JS7301
R7300
K5G4023A0003
C7301
470u
50V
C7302
50V
0.1u
SOUND_16V-1
R7302
100k
R7303
1k
R7301
1.8k
R7304
100k
R7305
1k
C7303
1000u
16V
MAIN_ACT
SUB_ACT
Q7301
UNR221T00L
Q7302
UNR221T00L
C7305
50V
0.1u
C7306
50V
0.1u
JS7303
D7303
MAZ82200ML
D7304
MA2J11100L
SOUND_16V OVP
TP7302
JS7304
C7307
35V
1000u
JS7302
IC7401
C5HAAKG00002
SUB_9V/MAIN_3.3V
D7601
B0HCMM000014
D7602
B0HCMM000014
C7601
25V
0.22u
C7602
50V
0.1u
C7609
25V
0.22u
D7403
MAZ81300ML
D7404
MA2J11100L
9V OVP
TP7402
JS7403
JS7401
R7400
K5G4023A0003
C7401
470u
50V
C7402
50V
0.1u
R7402
100k
R7403
1k
R7404
100k
R7405
1k
R7406
3.4k
C7407
16V
680u
Q7401
UNR221T00L
Q7402
UNR221T00L
C7405
50V
0.1u
C7406
50V
0.1u
C7412
10V
1u
D7405
MA2J11100L
R7407
47k
JS7404
D7401
MAZ80560ML
D7402
MA2J11100L
3.3V OVP
TP7401
C7403
16V
1000u
JS7402
TP7905
ZA7005
K9ZZ00000424
C7100
50V
0.01u
GND
R7129
1k
STB_LED
R7113
22k
R7111
47k
R7128
1k
Q7102
2SD0601ASL
24V DET
C7117
10V
1u
D7106
MA2J11100L
24V_DET
TP7151
OVP CIRCUIT
Q7205
2SB0709ASL
Q7206
2SB0709ASL
Q7204
2SD0601ASL
Q7207
2SD0601ASL
C7205
10V
1u
R7211
47k
C7206
10V
1u
R7213
4.7k
R7212
10k
R7214
4.7k
R7209
10k
R7210
47k
C7204
10V
1u
R7215
4.7k
R7216
4.7k
C7207
10V
1u
R7217
1k
R7119
56k
Q7203
2SD0601ASL
AC ON/OFF
R7208
4.7k
C7203
50V
0.01u
R7207
47k
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬
⑭
⑮

TX-26/32LXD500 TX-26/32LX500F/P AP-Board (1 of 2) Schematic Diagram

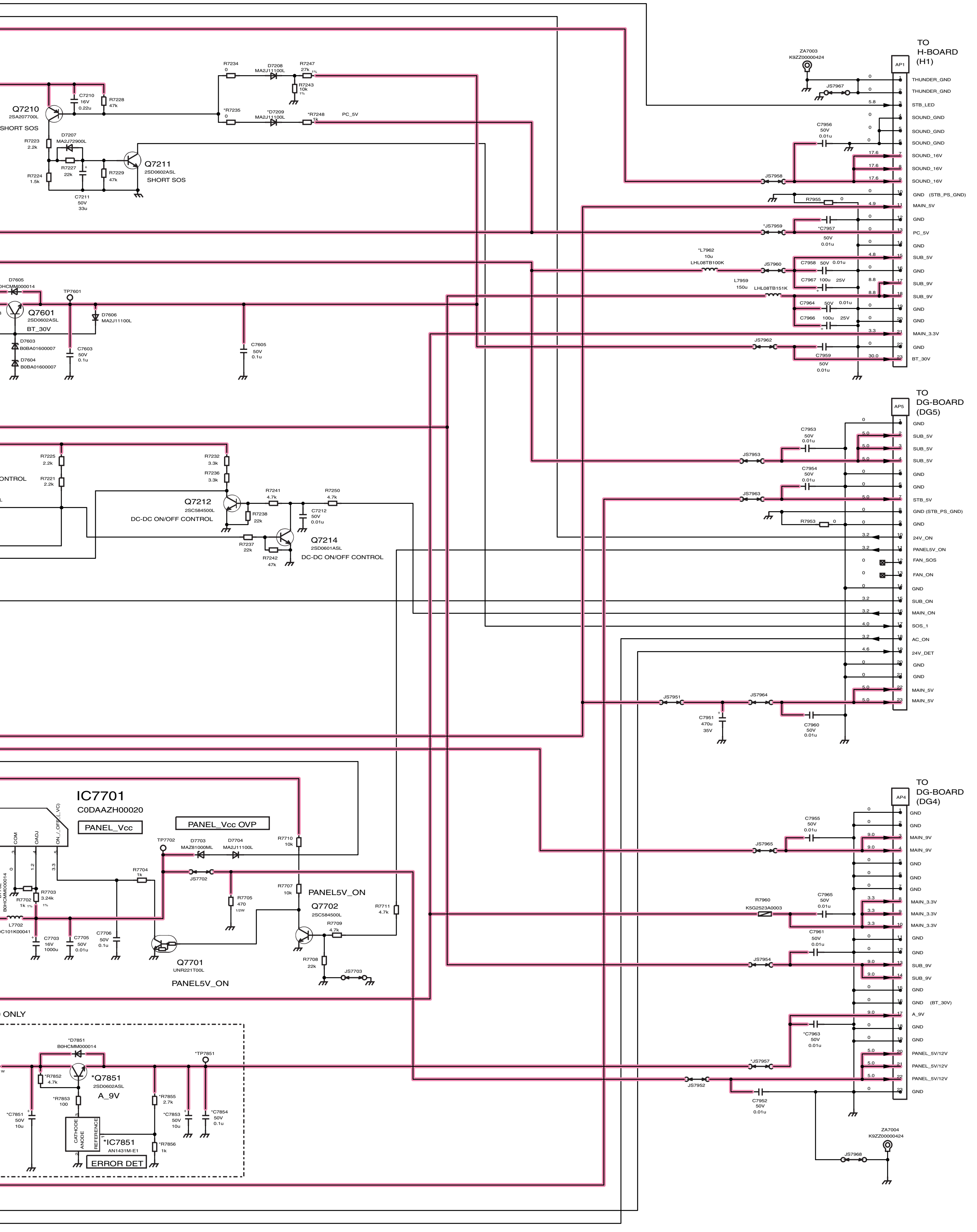
5	6	7	8	9

11.5. AP-Board (2 of 2) Schematic Diagram


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
*IC7751
C0DAAZG00014
PC_5V
Vin
Vout
COM
Oadj
ON/OFF
PC_5V OVP
*JS7751
TP7751
*C7751 50V 0.01u
*C7752 50V 220u
*D7752 B0HCMM000014
*D7751 B0JCNG000003
*L7752 220u
*C7753 10V 470u
*C7754 50V 0.01u
*R7752 3.09k
*R7751 1k
*C7755 6800p 50V
*TP7752
*C7756 50V 0.1u
*R7753 1k
*D7753 MAZ81000ML
*D7754 MA2J11100L
*JS7752
*Q7751 UNR221400L PC_5V_ON
*JS7753
JS7502
D7501 MA2J11100L
R7501 22k
C7501 50V 10u
R7502 22k
C7503 50V 0.01u
MAIN_5V
TP7501
Q7502 B1DHDD000033
R7513 4.7k
JS7504
C7506 470u 35V
R7503 2.2k
R7507 4.7k
Q7501 UNR221400L MAIN_ACT
R7505 1k
C7505 6.3V 2.2u
Q7505 UNR221400L MAIN_ACT
R7508 1k
MAIN_9V
Q7503 B1DHDD000033
TP7502
JS7501
C7502 50V 10u
R7504 22k
C7504 50V 0.01u
R7514 4.7k
R7506 2.2k
R7510 4.7k
MAIN_ACT
Q7506 UNR221400L
R7509 0
Q7504 UNR221400L MAIN_ACT
R7218 0
L7201 68u
C7209 16V 100u
Q7210 2SA207700L
SHORT SOS
C7210 16V 0.22u
R7223 2.2k
D7207 MA2J72900L
R7227 22k
R7224 1.5k
C7211 50V 33u
R7602 33 1W
D7605 B0HCMM000014
TP7601
R7603 100k
Q7601 2SD0602ASL BT_30V
D7603 B0BA01600007
D7604 B0BA01600007
C7603 50V 0.1u
R7225 2.2k
R7221 2.2k
D7211 MA2J11100L
DC-DC ON/OFF CONTROL
Q7208 2SC584500L
R7219 10k
C7208 6.3V 2.2u
R7220 22k
IC77
C0DAA
PANE
INPUT_(_VIN_)
OUTPUT_(_V_OUT_)
COM
OADJ
ON_/_OFF(_VC)
24.0
5.0
0
1.2
3.3
JS7701
TP7701
C7701 50V 0.01u
C7702 50V 220u
D7702 B0HCMM000014
R7702 1k 1%
R7703 3.24k 1%
D7701 B0JCPG000005
L7702 G0C101K00041
C7703 16V 1000u
C7705 50V 0.01u
LXD500 ONLY
*D7851 B0HCMM000014
*R7851 1k 1W
*R7852 4.7k
*R7853 100
*C7851 50V 10u
CATHODE
ANODE
REFERENCE
ERR
AP-BOARD (2/2)
TNAP3487AA(TX-26/32LXD500)
TNAP3487AC(TX-26/32LX500F/P)

TX-26/32LXD500 TX-26/32LX500F/P AP-Board (2 of 2) Schematic Diagram

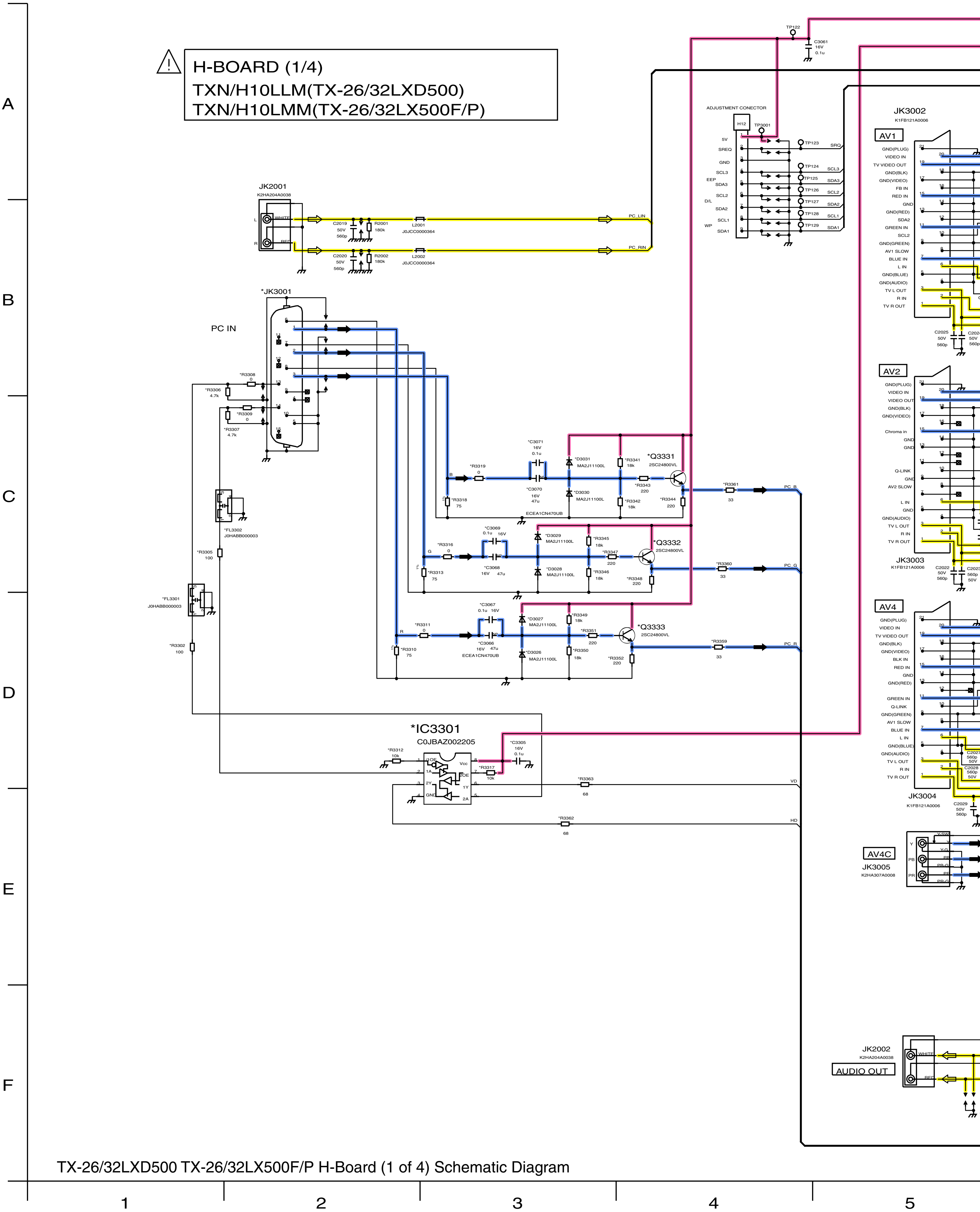
10 11 12 13 14


TO H-BOARD (H1)
AP1
THUNDER_GND
THUNDER_GND
STB_LED
SOUND_GND
SOUND_GND
SOUND_GND
SOUND_16V
SOUND_16V
SOUND_16V
GND (STB_PS_GND)
MAIN_5V
GND
PC_5V
GND
SUB_5V
GND
SUB_9V
SUB_9V
GND
GND
MAIN_3.3V
GND
BT_30V
ZA7003 K9ZZ00000424
JS7967
JS7958
JS7959
JS7960
JS7962
C7956 50V 0.01u
C7957 50V 0.01u
C7958 50V 0.01u
C7967 100u 25V
C7964 50V 0.01u
C7966 100u 25V
C7959 50V 0.01u
R7955 0
L7962 10u LHL08TB100K
L7959 150u LHL08TB151K
Q7210 2SA2077O0L SHORT SOS
Q7211 2SD0602ASL SHORT SOS
C7210 16V 0.22u
R7228 47k
R7223 2.2k
R7224 1.5k
D7207 MA2J72900L
R7227 22k
R7229 47k
C7211 50V 33u
R7234 0
D7208 MA2J11100L
R7247 27k 1%
R7243 10k 1%
R7235 0
D7209 MA2J11100L
R7248 1k
PC_5V
D7605 B0HCMM000014
TP7601
Q7601 2SD0602ASL BT_30V
D7606 MA2J11100L
D7603 B0BA01600007
D7604 B0BA01600007
C7603 50V 0.1u
C7605 50V 0.1u
TO DG-BOARD (DG5)
AP5
GND
SUB_5V
SUB_5V
SUB_5V
GND
GND
STB_5V
GND (STB_PS_GND)
GND
24V_ON
PANEL5V_ON
FAN_SOS
FAN_ON
GND
SUB_ON
MAIN_ON
SOS_1
AC_ON
24V_DET
GND
GND
MAIN_5V
MAIN_5V
C7953 50V 0.01u
C7954 50V 0.01u
JS7953
JS7963
R7953 0
JS7951
JS7964
C7951 470u 35V
C7960 50V 0.01u
R7225 2.2k
R7221 2.2k
R7232 3.3k
R7236 3.3k
Q7212 2SC584500L DC-DC ON/OFF CONTROL
R7241 4.7k
R7250 4.7k
R7238 22k
C7212 50V 0.01u
R7237 22k
R7242 47k
Q7214 2SD0601ASL DC-DC ON/OFF CONTROL
IC7701 C0DAAZH00020
PANEL_Vcc
PANEL_Vcc OVP
COM
OADJ
ON_/_OFF_(_VC)
TP7702
D7703 MAZ81000ML
D7704 MA2J11100L
R7710 10k
R7704 1k
JS7702
R7703 3.24k 1%
R7702 1k 1%
L7702
C7703 16V 1000u
C7705 50V 0.01u
C7706 50V 0.1u
R7705 470 1/2W
R7707 10k
PANEL5V_ON
Q7702 2SC584500L
R7709 4.7k
R7711 4.7k
R7708 22k
JS7703
Q7701 UNR221T00L PANEL5V_ON
ONLY
D7851 B0HCMM000014
TP7851
R7852 4.7k
Q7851 2SD0602ASL A_9V
R7853 100
R7855 2.7k
C7851 50V 10u
C7853 50V 10u
C7854 50V 0.1u
IC7851 AN1431M-E1
CATHODE
ANODE
REFERENCE
R7856 1k
ERROR DET
TO DG-BOARD (DG4)
AP4
GND
GND
MAIN_9V
MAIN_9V
GND
GND
GND
MAIN_3.3V
MAIN_3.3V
MAIN_3.3V
GND
GND
SUB_9V
SUB_9V
GND
GND (BT_30V)
A_9V
GND
GND
PANEL_5V/12V
PANEL_5V/12V
PANEL_5V/12V
GND
C7955 50V 0.01u
JS7965
R7960 K5G2523A0003
C7965 50V 0.01u
C7961 50V 0.01u
JS7954
C7963 50V 0.01u
JS7957
JS7952
C7952 50V 0.01u
ZA7004 K9ZZ00000424
JS7968

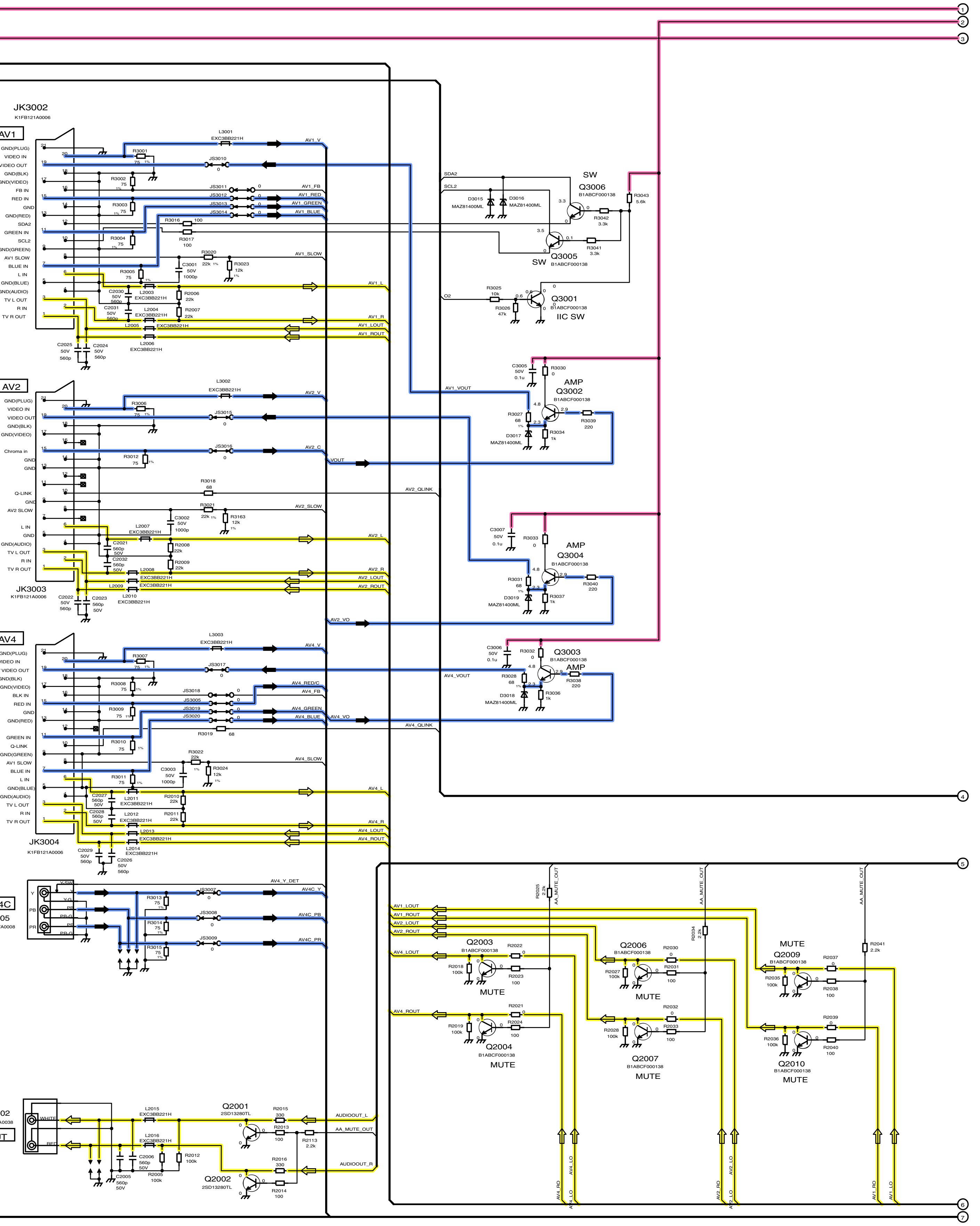
TX-26/32LXD500 TX-26/32LX500F/P AP-Board (2 of 2) Schematic Diagram

14 15 16 17 18

11.6. H-Board (1 of 4) Schematic DIagram

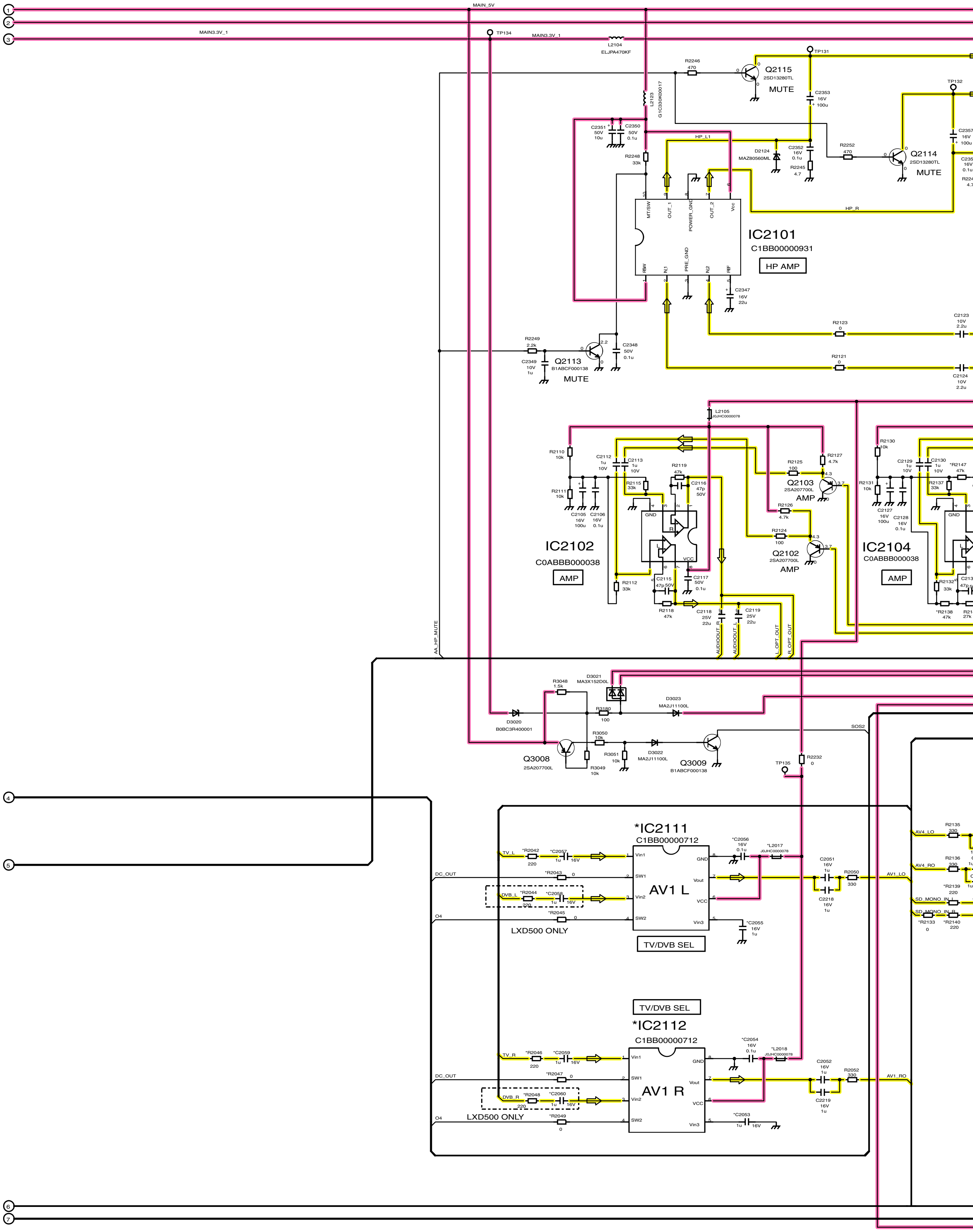

A
B
C
D
E
F
1
2
3
4
5
H-BOARD (1/4)
TXN/H10LLM(TX-26/32LXD500)
TXN/H10LMM(TX-26/32LX500F/P)
JK2001
K2HA204A0038
L
R
WHITE
RED
C2019 50V 560p
R2001 180k
L2001 J0JCC0000364
C2020 50V 560p
R2002 180k
L2002 J0JCC0000364
PC_LIN
PC_RIN
*JK3001
PC IN
*R3308 0
*R3306 4.7k
*R3309 0
*R3307 4.7k
*FL3302 J0HABB000003
*R3305 100
*FL3301 J0HABB000003
*R3302 100
*C3071 16V 0.1u
*C3070 16V 47u
ECEA1CN470UB
*D3031 MA2J11100L
*D3030 MA2J11100L
*R3341 18k
*R3342 18k
*R3343 220
*R3344 220
*Q3331 2SC24800VL
*R3319 0
*R3318 75
B
*R3361 33
PC_B
*C3069 0.1u 16V
*C3068 16V 47u
*D3029 MA2J11100L
*D3028 MA2J11100L
*R3345 18k
*R3346 18k
*R3347 220
*R3348 220
*Q3332 2SC24800VL
*R3316 0
*R3313 75
G
*R3360 33
PC_G
*C3067 0.1u 16V
*C3066 16V 47u
ECEA1CN470UB
*D3027 MA2J11100L
*D3026 MA2J11100L
*R3349 18k
*R3350 18k
*R3351 220
*R3352 220
*Q3333 2SC24800VL
*R3311 0
*R3310 75
R
*R3359 33
PC_R
*IC3301
C0JBAZ002205
*R3312 10k
*C3305 16V 0.1u
*R3317 10k
1OE
1A
2Y
GND
Vcc
2OE
1Y
2A
*R3363 68
VD
*R3362 68
HD
TP122
C3061 16V 0.1u
ADJUSTMENT CONECTOR
H12
TP3001
5V
SREQ
GND
SCL3
EEP
SDA3
SCL2
D/L
SDA2
SCL1
WP
SDA1
TP123
TP124
TP125
TP126
TP127
TP128
TP129
SRQ
SCL3
SDA3
SCL2
SDA2
SCL1
SDA1
JK3002
K1FB121A0006
AV1
GND(PLUG)
VIDEO IN
TV VIDEO OUT
GND(BLK)
GND(VIDEO)
FB IN
RED IN
GND
GND(RED)
SDA2
GREEN IN
SCL2
GND(GREEN)
AV1 SLOW
BLUE IN
L IN
GND(BLUE)
GND(AUDIO)
TV L OUT
R IN
TV R OUT
C2025 50V 560p
AV2
GND(PLUG)
VIDEO IN
VIDEO OUT
GND(BLK)
GND(VIDEO)
Chroma in
GND
GND
Q-LINK
GND
AV2 SLOW
L IN
GND
GND(AUDIO)
TV L OUT
R IN
TV R OUT
JK3003
K1FB121A0006
C2022 50V 560p
AV4
GND(PLUG)
VIDEO IN
TV VIDEO OUT
GND(BLK)
GND(VIDEO)
BLK IN
RED IN
GND
GND(RED)
GREEN IN
Q-LINK
GND(GREEN)
AV1 SLOW
BLUE IN
L IN
GND(BLUE)
GND(AUDIO)
TV L OUT
R IN
TV R OUT
JK3004
K1FB121A0006
C2029 50V 560p
AV4C
JK3005
K2HA307A0008
Y
PB
PR
JK2002
K2HA204A0038
AUDIO OUT
WHITE
RED

TX-26/32LXD500 TX-26/32LX500F/P H-Board (1 of 4) Schematic Diagram


JK3002
K1FB121A0006
AV1
GND(PLUG)
VIDEO IN
VIDEO OUT
GND(BLK)
GND(VIDEO)
FB IN
RED IN
GND
GND(RED)
SDA2
GREEN IN
SCL2
GND(GREEN)
AV1 SLOW
BLUE IN
L IN
GND(BLUE)
GND(AUDIO)
TV L OUT
R IN
TV R OUT
L3001
EXC3BB221H
AV1_V
R3001
75
JS3010
JS3011
JS3012
JS3013
JS3014
AV1_FB
AV1_RED
AV1_GREEN
AV1_BLUE
R3016
100
R3017
100
AV1_SLOW
R3020
22k
R3023
12k
C3001
50V
1000p
AV1_L
AV1_R
AV1_LOUT
AV1_ROUT
L2003
L2004
L2005
L2006
R2006
22k
R2007
22k
C2030
C2031
C2025
C2024
SDA2
SCL2
D3015
MAZ81400ML
D3016
MAZ81400ML
SW
Q3006
B1ABCF000138
R3043
5.6k
R3042
3.3k
Q3005
R3041
3.3k
SW
Q3001
IIC SW
O2
R3025
10k
R3026
47k
C3005
50V
0.1u
R3030
0
AMP
Q3002
B1ABCF000138
AV1_VOUT
R3027
68
D3017
MAZ81400ML
R3034
1k
R3039
220
AV2
JS3015
JS3016
AV2_V
AV2_C
Chroma in
R3006
R3012
VOUT
Q-LINK
AV2 SLOW
R3018
68
AV2_QLINK
R3021
22k
R3163
12k
C3002
50V
1000p
AV2_SLOW
L2007
R2008
22k
R2009
22k
C2021
C2032
L2008
L2009
L2010
AV2_L
AV2_R
AV2_LOUT
AV2_ROUT
JK3003
K1FB121A0006
C2022
C2023
C3007
50V
0.1u
R3033
0
AMP
Q3004
B1ABCF000138
R3031
68
D3019
MAZ81400ML
R3037
1k
R3040
220
AV2_VO
AV4
L3003
AV4_V
R3007
JS3017
JS3018
JS3005
JS3019
JS3020
AV4_RED/C
AV4_FB
AV4_GREEN
AV4_BLUE
AV4_VO
AV4_QLINK
R3019
68
BLK IN
Q-LINK
AV1 SLOW
R3008
R3009
R3010
R3011
R3022
22k
R3024
12k
C3003
50V
1000p
AV4_SLOW
AV4_L
AV4_R
AV4_LOUT
AV4_ROUT
L2011
L2012
L2013
L2014
R2010
22k
R2011
22k
C2027
C2028
C2029
C2026
JK3004
K1FB121A0006
C3006
50V
0.1u
R3032
0
Q3003
B1ABCF000138
AMP
AV4_VOUT
R3028
68
D3018
MAZ81400ML
R3036
1k
R3038
220
AV4_Y_DET
AV4C_Y
AV4C_PB
AV4C_PR
JS3007
JS3008
JS3009
R3013
75
R3014
75
R3015
75
Y
PB
PR
Y-SW
Y-G
PB-G
PR-G
AV1_LOUT
AV1_ROUT
AV2_LOUT
AV2_ROUT
AV4_LOUT
AV4_ROUT
AA_MUTE_OUT
R2025
2.2k
R2034
2.2k
R2041
2.2k
Q2003
B1ABCF000138
MUTE
R2018
100k
R2022
0
R2023
100
Q2004
B1ABCF000138
MUTE
R2019
100k
R2021
0
R2024
100
Q2006
B1ABCF000138
MUTE
R2027
100k
R2030
0
R2031
100
Q2007
B1ABCF000138
MUTE
R2028
100k
R2032
0
R2033
100
MUTE
Q2009
B1ABCF000138
R2035
100k
R2037
0
R2038
100
Q2010
B1ABCF000138
MUTE
R2036
100k
R2039
0
R2040
100
AV4_RO
AV4_LO
AV2_RO
AV2_LO
AV1_RO
AV1_LO
WHITE
RED
L2015
EXC3BB221H
L2016
EXC3BB221H
C2006
560p
50V
C2005
560p
50V
R2005
100k
R2012
100k
Q2001
2SD1328OTL
Q2002
2SD1328OTL
R2015
330
R2013
100
R2113
2.2k
R2016
330
R2014
100
AUDIOOUT_L
AA_MUTE_OUT
AUDIOOUT_R
1
2
3
4
5
6
7
5
6
7
8
9

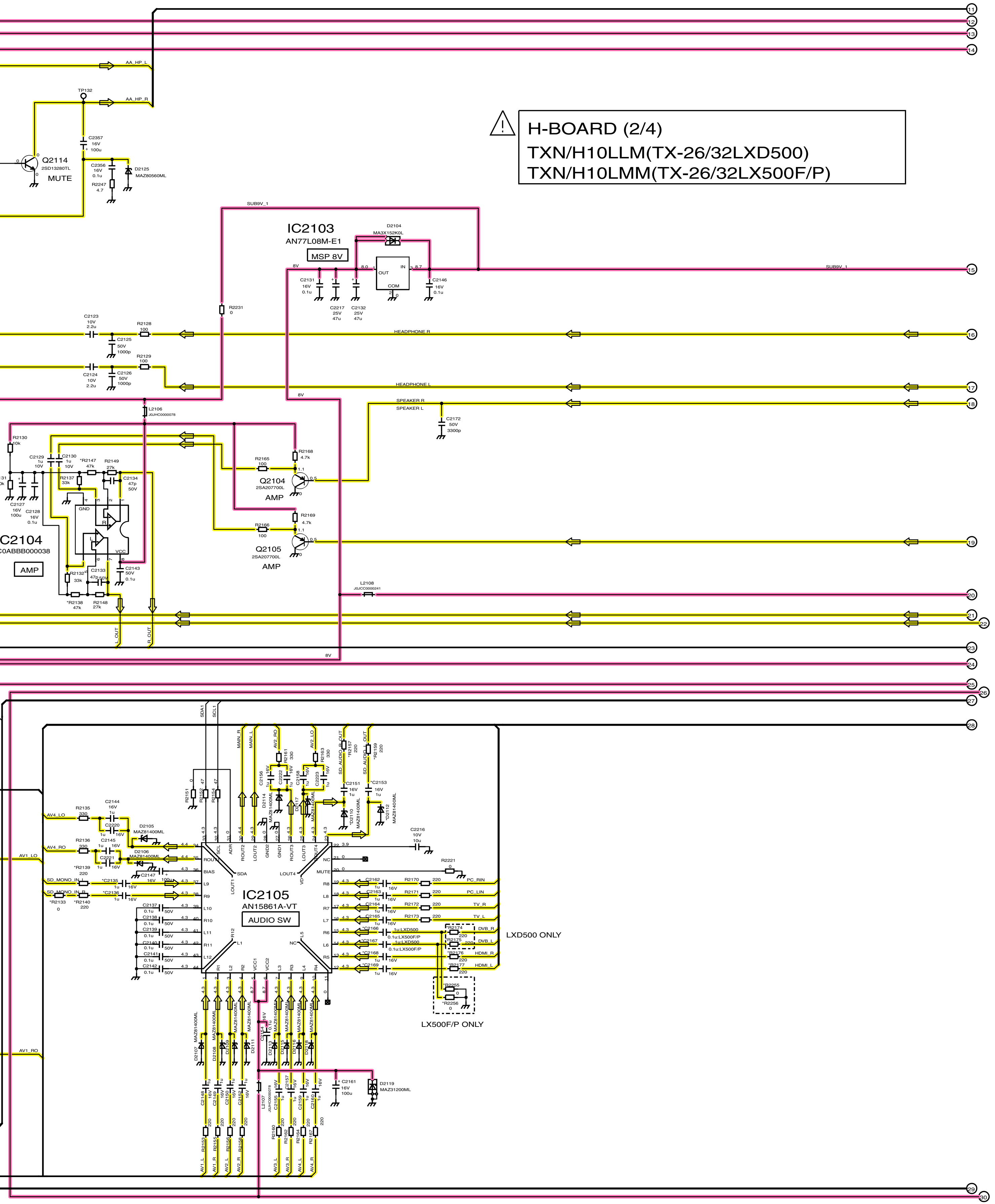
TX-26/32LXD500 TX-26/32LX500F/P H-Board (1 of 4) Schematic Diagram

11.7. H-Board (2 of 4) Schematic Diagram


MAIN_5V
MAIN3.3V_1
TP134
L2104
ELJPA470KF
TP131
R2246
470
Q2115
2SD1328OTL
MUTE
C2353
16V
100u
TP132
L2123
C2351
C2350
R2248
33k
HP_L1
D2124
MAZ80560ML
C2352
R2245
4.7
R2252
470
Q2114
2SD1328OTL
MUTE
HP_R
MT/SW
OUT_1
POWER_GND
OUT_2
Vcc
IC2101
C1BB00000931
HP AMP
RBW
IN1
PRE_GND
IN2
REF
C2347
16V
22u
R2123
0
C2123
10V
2.2u
R2249
2.2k
C2349
Q2113
B1ABCF000138
MUTE
C2348
50V
0.1u
R2121
0
C2124
10V
2.2u
L2105
R2110
10k
R2111
10k
C2112
C2113
R2119
47k
R2115
33k
C2116
C2105
C2106
R2125
100
R2127
4.7k
Q2103
2SA2077OOL
AMP
R2126
4.7k
R2124
100
Q2102
2SA2077OOL
AMP
IC2102
C0ABBB000038
AMP
R2112
33k
C2115
C2117
R2118
47k
C2118
C2119
AUDIOOUT_R
AUDIOOUT_L
L_OPT_OUT
R_OPT_OUT
R2130
10k
R2131
10k
C2127
C2128
C2129
C2130
R2147
R2137
33k
IC2104
C0ABBB000038
AMP
R2132
R2138
47k
AA_HP_MUTE
R3048
1.5k
D3021
MA3X152D0L
D3023
MA2J1110OL
R3180
100
D3020
B0BC3R400001
R3050
10k
D3022
MA2J1110OL
SOS2
Q3008
2SA2077OOL
R3051
10k
R3049
10k
Q3009
B1ABCF000138
TP135
R2232
0
*IC2111
C1BB00000712
TV_L
*R2042
220
*C2057
1u
16V
Vin1
GND
*C2056
*L2017
DC_OUT
*R2043
0
SW1
AV1 L
Vout
C2051
R2050
330
AV1_LO
DVB_L
*R2044
220
*C2058
Vin2
VCC
C2218
O4
*R2045
0
SW2
Vin3
*C2055
LXD500 ONLY
TV/DVB SEL
AV4_LO
R2135
330
AV4_RO
R2136
330
SD_MONO_IN_L
*R2139
220
SD_MONO_IN_R
*R2133
0
*R2140
220
TV/DVB SEL
*IC2112
C1BB00000712
TV_R
*R2046
220
*C2059
Vin1
GND
*C2054
*L2018
DC_OUT
*R2047
0
SW1
AV1 R
Vout
C2052
R2052
330
AV1_RO
DVB_R
*R2048
220
*C2060
Vin2
VCC
C2219
O4
LXD500 ONLY
*R2049
0
SW2
Vin3
*C2053
1
2
3
4
5
6
7

TX-26/32LXD500 TX-26/32LX500F/P H-Board (2 of 4) Schematic Diagram

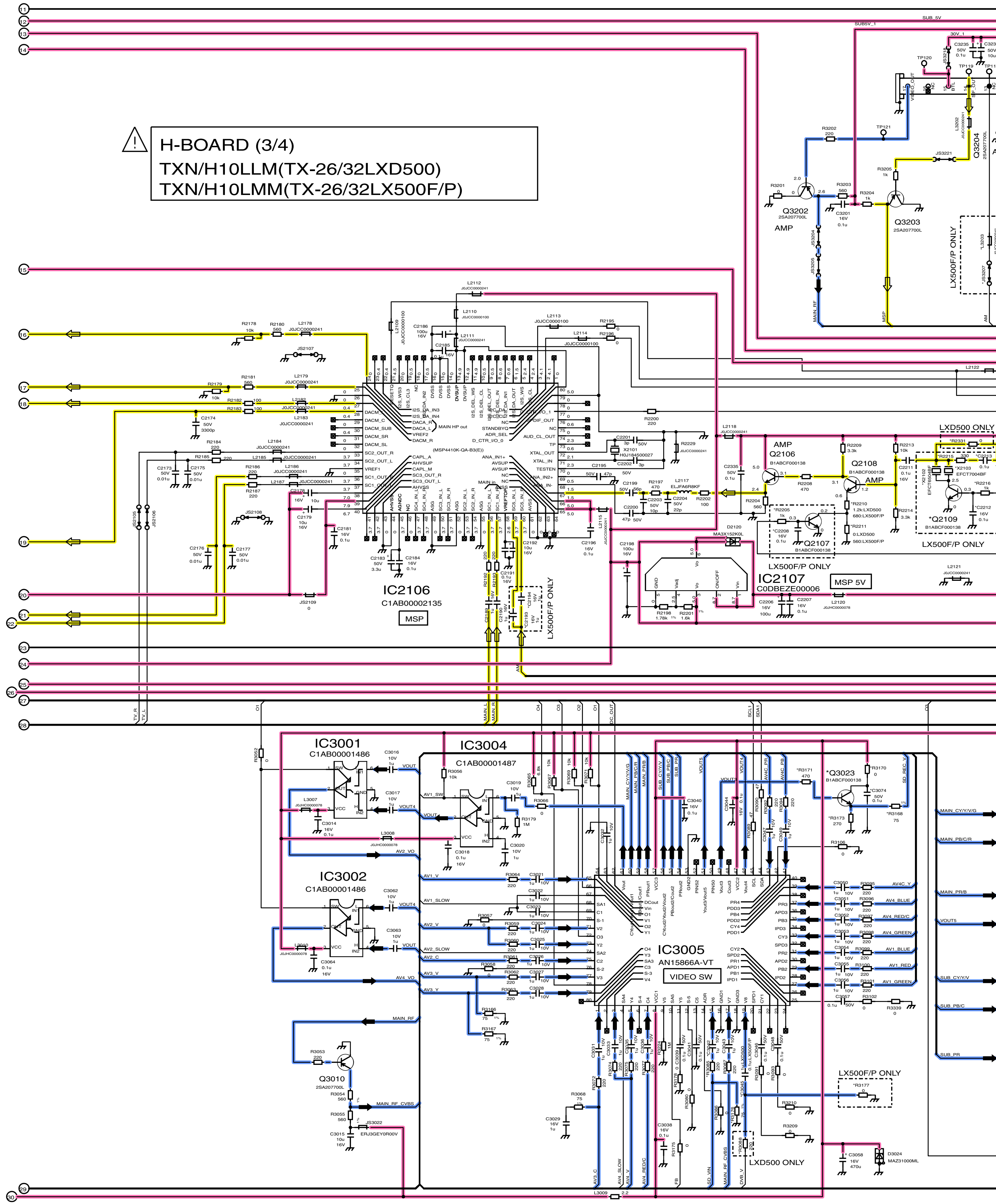
10 11 12 13 14


H-BOARD (2/4)
TXN/H10LLM(TX-26/32LXD500)
TXN/H10LMM(TX-26/32LX500F/P)

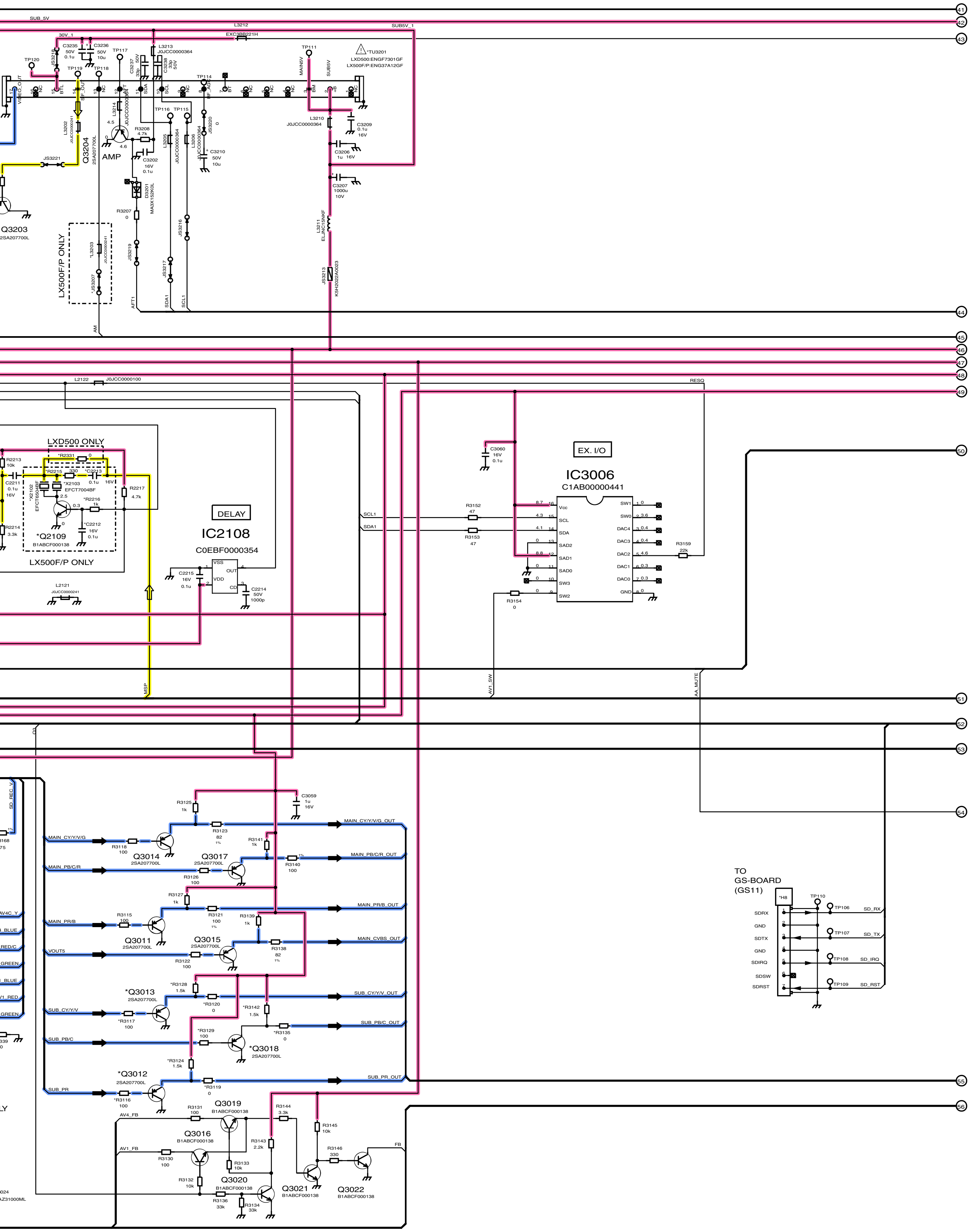
AA_HP_L
AA_HP_R
TP132
Q2114
2SD1328OTL
MUTE
C2357 16V 100u
C2356 16V 0.1u
R2247 4.7
D2125 MAZ80560ML
SUB9V_1
IC2103
AN77L08M-E1
MSP 8V
D2104 MA3X152K0L
OUT
IN
COM
C2131 16V 0.1u
C2217 25V 47u
C2132 25V 47u
C2146 16V 0.1u
R2231 0
C2123 10V 2.2u
R2128 100
C2125 50V 1000p
R2129 100
C2124 10V 2.2u
C2126 50V 1000p
HEADPHONE R
HEADPHONE L
SPEAKER R
SPEAKER L
C2172 50V 3300p
L2106
R2130 10k
R2168 4.7k
R2165 100
Q2104
2SA2077O0L
AMP
R2169 4.7k
R2166 100
Q2105
2SA2077O0L
AMP
C2104
C0ABBB000038
AMP
GND
VCC
L2108
L_OUT
R_OUT
8V
IC2105
AN15861A-VT
AUDIO SW
AV4_LO
AV4_RO
AV1_LO
SD_MONO_IN_L
SD_MONO_IN_R
AV1_RO
SDA1
SCL1
MAIN_R
MAIN_L
AV2_RO
AV2_LO
SD_AUDIO_R_OUT
SD_AUDIO_L_OUT
PC_RIN
PC_LIN
TV_R
TV_L
DVB_R
DVB_L
HDMI_R
HDMI_L
LXD500 ONLY
LX500F/P ONLY
D2119 MAZ31200ML
C2161 16V 100u
AV1_L
AV1_R
AV2_L
AV2_R
AV3_L
AV3_R
AV4_L
AV4_R
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

TX-26/32LXD500 TX-26/32LX500F/P H-Board (2 of 4) Schematic Diagram

11.8. H-Board (3 of 4) Schematic Diagram


H-BOARD (3/4)
TXN/H10LLM(TX-26/32LXD500)
TXN/H10LMM(TX-26/32LX500F/P)
IC2106
C1AB00002135
MSP
(MSP4410K-QA-B3(E))
IC2107
C0DBEZE00006
MSP 5V
AMP
Q2106
B1ABCF000138
Q2108
B1ABCF000138
AMP
Q2107
B1ABCF000138
*Q2109
B1ABCF000138
LXD500 ONLY
LX500F/P ONLY
D2120
MA3X152K0L
X2101
H0J184500027
Q3202
2SA207700L
AMP
Q3203
2SA207700L
Q3204
IC3001
C1AB00001486
IC3002
C1AB00001486
IC3004
C1AB00001487
IC3005
AN15866A-VT
VIDEO SW
Q3010
2SA207700L
*Q3023
B1ABCF000138
D3024
MAZ31000ML
JS3022
ERJ3GEY0R00V
LXD500 ONLY
LX500F/P ONLY
SUB_5V
SUB5V_1
30V_1
MAIN_RF
MAIN_RF_CVBS
MAIN_CY/Y/V/G
MAIN_PB/C/R
MAIN_PR/B
VOUT5
SUB_CY/Y/V
SUB_PB/C
SUB_PR
TV_R
TV_L
MAIN_L
MAIN_R
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
19
20
21
22
23

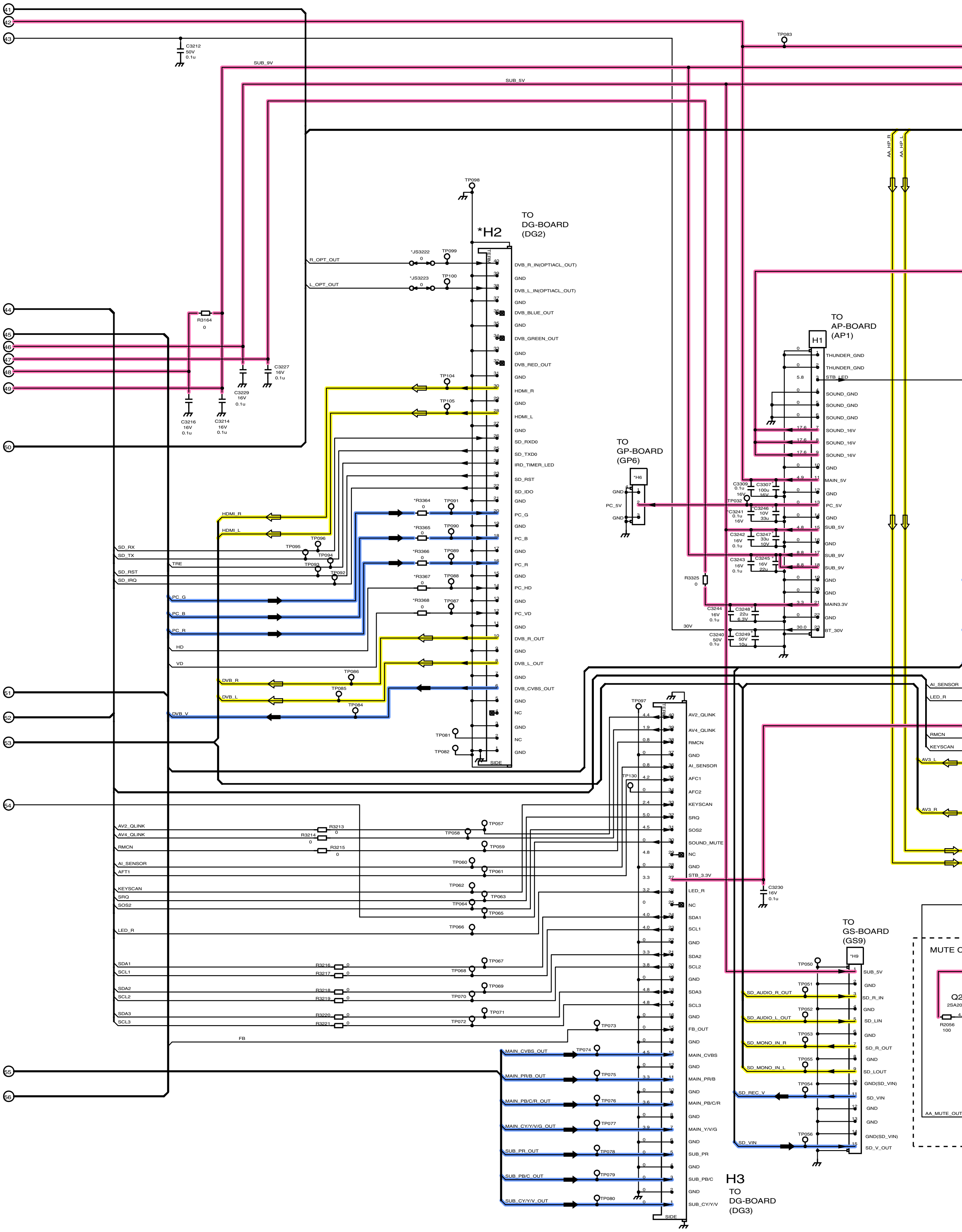
TX-26/32LXD500 TX-26/32LX500F/P H-Board (3 of 4) Schematic Diagram


SUB_5V
SUB5V_1
L3212
EXC3BB221H
30V_1
C3235
50V
0.1u
C3236
50V
10u
TP117
L3213
J0JCC0000364
TP111
*TU3201
LXD500:ENGF7301GF
LX500F/P:ENG37A12GF
TP120
TP119
TP118
C3237
C3238
TP114
MAIN5V
SUB5V
VIDEO_OUT
NC
BTL
SIF_OUT
NC
AFT
SDA
SCL
NC
IF_AGC
BT
NC
NC
NC
BM
+B
NC
L3214
J0JCC0000364
R3208
4.7k
AMP
TP116
TP115
L3205
L3206
JS3220
L3210
J0JCC0000364
C3209
0.1u
16V
L3202
Q3204
2SA207700L
JS3221
C3202
16V
0.1u
C3210
50V
10u
C3206
1u 16V
C3207
1000u
10V
D3201
MA3X152K0L
R3207
0
Q3203
2SA207700L
LX500F/P ONLY
*L3203
*JS3207
JS3219
JS3216
JS3217
L3211
ELJNC1R5NF
JS3213
K5H2022A0023
AFT1
SDA1
SCL1
AM
L2122
J0JCC0000100
RESO
LXD500 ONLY
*R2331
0
R2213
10k
C2211
0.1u
16V
*X2102
EFCT5504BF
*R2215
330
*X2103
EFCT7004BF
*C2213
0.1u
16V
R2217
4.7k
*R2216
1k
*C2212
16V
0.1u
R2214
3.3k
*Q2109
B1ABCF000138
LX500F/P ONLY
DELAY
IC2108
C0EBF0000354
VSS
VDD
OUT
CD
C2215
16V
0.1u
C2214
50V
1000p
L2121
J0JCC0000241
MSP
SCL1
SDA1
C3060
16V
0.1u
EX. I/O
IC3006
C1AB00000441
R3152
47
R3153
47
R3154
0
Vcc
SCL
SDA
SAD2
SAD1
SAD0
SW3
SW2
SW1
SW0
DAC4
DAC3
DAC2
DAC1
DAC0
GND
R3159
22k
AV1_SW
AA_MUTE
C3059
1u
16V
R3125
1k
R3123
82
MAIN_CY/Y/V/G_OUT
MAIN_CY/Y/V/G
R3118
100
Q3014
2SA207700L
Q3017
2SA207700L
R3141
1k
R3140
100
MAIN_PB/C/R_OUT
MAIN_PB/C/R
R3126
100
R3127
1k
R3121
100
MAIN_PR/B_OUT
MAIN_PR/B
R3115
100
R3139
1k
Q3011
2SA207700L
Q3015
2SA207700L
R3138
82
MAIN_CVBS_OUT
VOUT5
R3122
100
*R3128
1.5k
*Q3013
2SA207700L
*R3120
0
*R3142
1.5k
SUB_CY/Y/V_OUT
SUB_CY/Y/V
*R3117
100
*R3129
100
*R3135
0
SUB_PB/C_OUT
SUB_PB/C
*Q3018
2SA207700L
*R3124
1.5k
*Q3012
2SA207700L
*R3119
0
SUB_PR_OUT
SUB_PR
*R3116
100
AV4_FB
R3131
100
Q3019
B1ABCF000138
R3144
3.3k
R3145
10k
Q3016
B1ABCF000138
AV1_FB
R3130
100
R3143
2.2k
R3133
10k
R3146
330
FB
R3132
10k
Q3020
B1ABCF000138
R3136
33k
R3134
33k
Q3021
B1ABCF000138
Q3022
B1ABCF000138
TO
GS-BOARD
(GS11)
*H8
TP110
SDRX
GND
SDTX
GND
SDIRQ
SDSW
SDRST
TP106
TP107
TP108
TP109
SD_RX
SD_TX
SD_IRQ
SD_RST
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56

TX-26/32LXD500 TX-26/32LX500F/P H-Board (3 of 4) Schematic Diagram

23	24	25	26	27

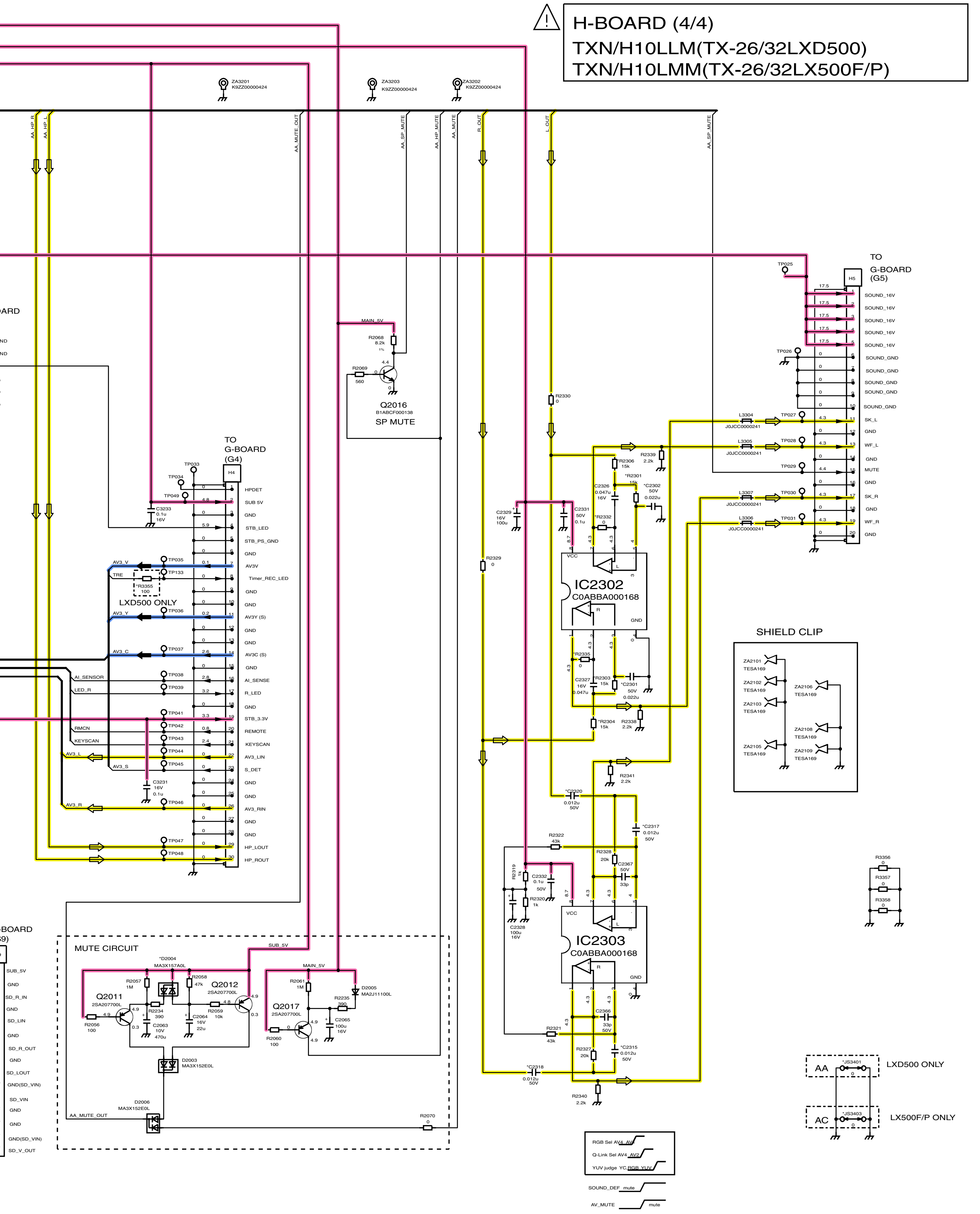
11.9. H-Board (4 of 4) Schematic Diagram


41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
C3212 50V 0.1u
SUB_9V
SUB_5V
TP083
AA_HP_R
AA_HP_L
TP098
*H2
TO DG-BOARD (DG2)
R_OPT_OUT
L_OPT_OUT
*JS3222 0
*JS3223 0
TP099
TP100
DVB_R_IN(OPTIACL_OUT)
GND
DVB_L_IN(OPTIACL_OUT)
DVB_BLUE_OUT
DVB_GREEN_OUT
DVB_RED_OUT
HDMI_R
HDMI_L
SD_RXD0
SD_TXD0
IRD_TIMER_LED
SD_RST
SD_IDO
PC_G
PC_B
PC_R
PC_HD
PC_VD
DVB_R_OUT
DVB_L_OUT
DVB_CVBS_OUT
NC
TERM
SIDE
R3164 0
C3229 16V 0.1u
C3227 16V 0.1u
C3216 16V 0.1u
C3214 16V 0.1u
TP104
TP105
*R3364 0
*R3365 0
*R3366 0
*R3367 0
*R3368 0
TP091
TP090
TP089
TP088
TP087
TP096
TP095
TP094
TP093
TP092
SD_RX
SD_TX
TRE
SD_RST
SD_IRQ
PC_G
PC_B
PC_R
HD
VD
HDMI_R
HDMI_L
DVB_R
DVB_L
DVB_V
TP086
TP085
TP084
TP081
TP082
TO AP-BOARD (AP1)
H1
THUNDER_GND
STB_LED
SOUND_GND
SOUND_16V
GND
MAIN_5V
PC_5V
SUB_5V
SUB_9V
MAIN3.3V
BT_30V
TO GP-BOARD (GP6)
*H6
GND
PC_5V
C3309 0.1u 16V
C3307 100u 16V
TP032
C3246 10V 33u
*C3241 0.1u 16V
C3242 16V 0.1u
C3247 33u 10V
C3243 16V 0.1u
C3245 16V 22u
R3325 0
C3244 16V 0.1u
C3248 22u 6.3V
C3240 50V 0.1u
C3249 50V 10u
30V
AI_SENSOR
LED_R
RMCN
KEYSCAN
AV3_L
AV3_R
TP097
TP130
AV2_QLINK
AV4_QLINK
RMCN
AI_SENSOR
AFC1
AFC2
KEYSCAN
SRQ
SOS2
SOUND_MUTE
STB_3.3V
LED_R
SDA1
SCL1
SDA2
SCL2
SDA3
SCL3
FB_OUT
MAIN_CVBS
MAIN_PR/B
MAIN_PB/C/R
MAIN_Y/V/G
SUB_PR
SUB_PB/C
SUB_CY/Y/V
C3230 16V 0.1u
AV2_QLINK
AV4_QLINK
RMCN
AI_SENSOR
AFT1
KEYSCAN
SRQ
SOS2
LED_R
SDA1
SCL1
SDA2
SCL2
SDA3
SCL3
FB
R3213 0
R3214 0
R3215 0
R3216 0
R3217 0
R3218 0
R3219 0
R3220 0
R3221 0
TP057
TP058
TP059
TP060
TP061
TP062
TP063
TP064
TP065
TP066
TP067
TP068
TP069
TP070
TP071
TP072
TP073
TP074
TP075
TP076
TP077
TP078
TP079
TP080
MAIN_CVBS_OUT
MAIN_PR/B_OUT
MAIN_PB/C/R_OUT
MAIN_CY/Y/V/G_OUT
SUB_PR_OUT
SUB_PB/C_OUT
SUB_CY/Y/V_OUT
H3
TO DG-BOARD (DG3)
TO GS-BOARD (GS9)
*H9
SUB_5V
SD_R_IN
SD_LIN
SD_R_OUT
SD_LOUT
GND(SD_VIN)
SD_VIN
GND(SD_VIN)
SD_V_OUT
SD_AUDIO_R_OUT
SD_AUDIO_L_OUT
SD_MONO_IN_R
SD_MONO_IN_L
SD_REC_V
SD_VIN
TP050
TP051
TP052
TP053
TP055
TP054
TP056
MUTE C
Q2
2SA20
R2056 100
AA_MUTE_OUT

TX-26/32LXD500 TX-26/32LX500F/P H-Board (4 of 4) Schematic Diagram

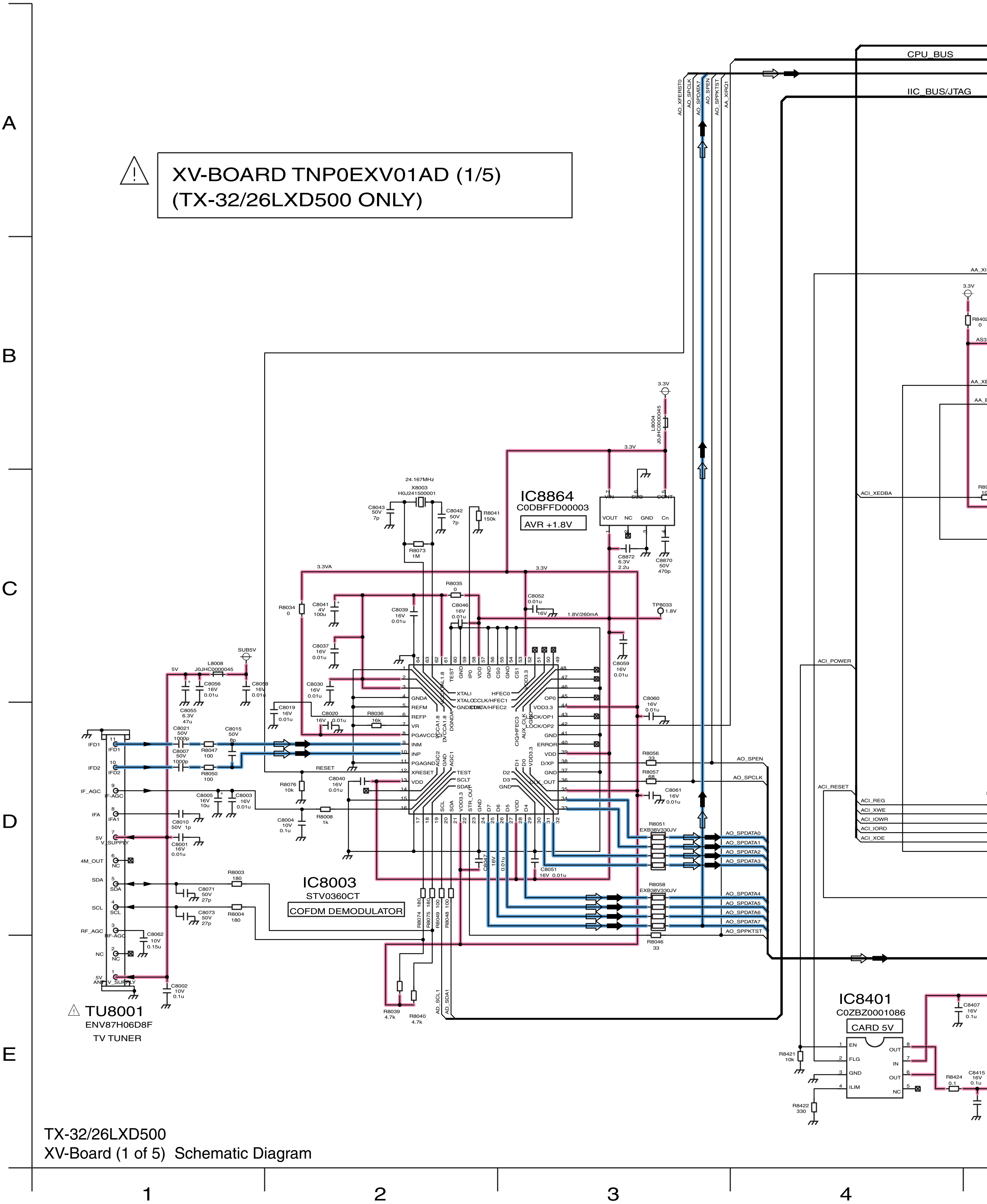
28 29 30 31 32

H-BOARD (4/4)
TXN/H10LLM(TX-26/32LXD500)
TXN/H10LMM(TX-26/32LX500F/P)

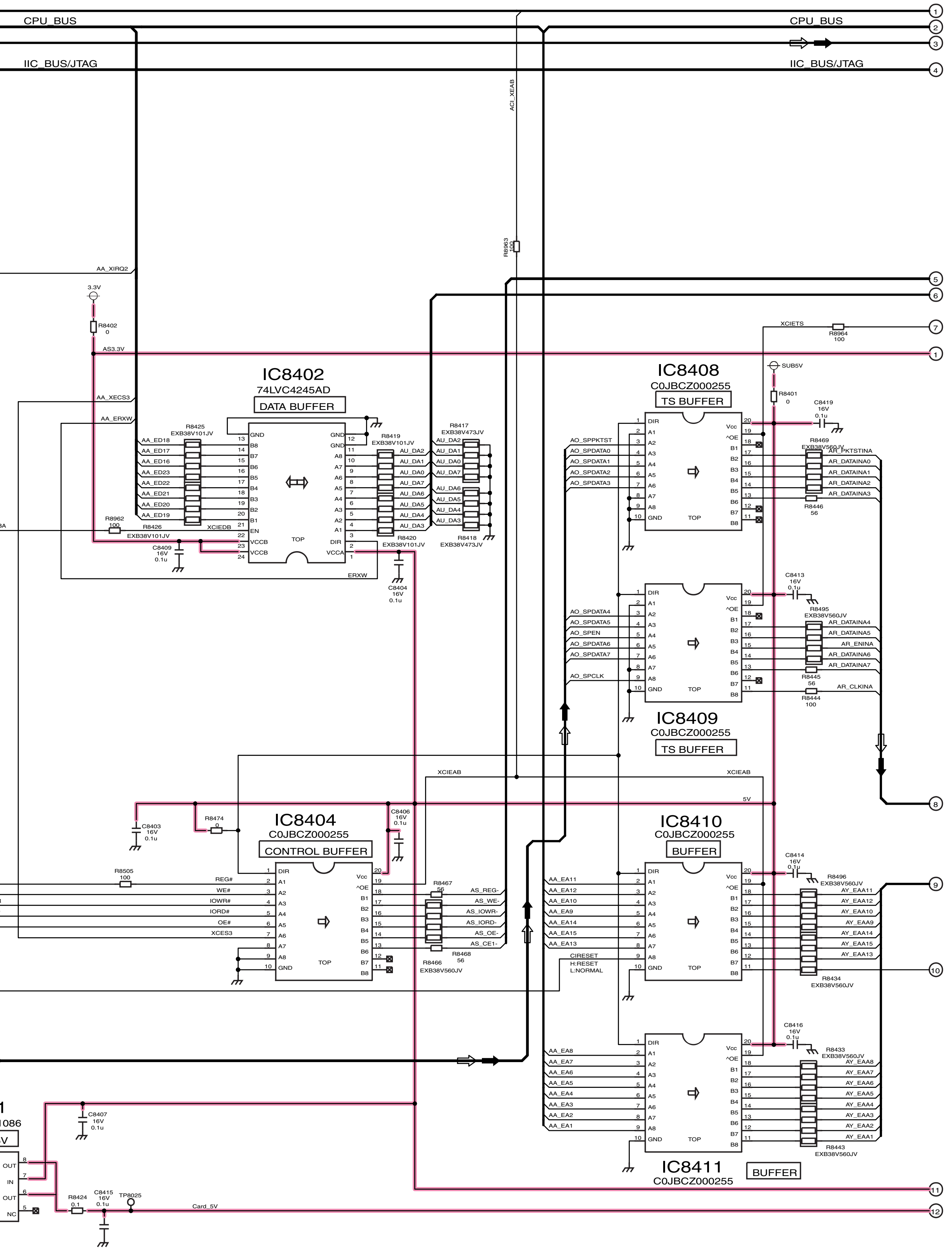

ZA3201 K9ZZ00000424
ZA3203 K9ZZ00000424
ZA3202 K9ZZ00000424
AA_HP_R
AA_HP_L
AA_MUTE_OUT
AA_SP_MUTE
AA_HP_MUTE
AA_MUTE
R_OUT
L_OUT
AA_SP_MUTE
MAIN_5V
R2068 8.2k 1%
R2069 560
Q2016 B1ABCF000138
SP MUTE
TO G-BOARD (G4)
H4
HPDET
SUB 5V
GND
STB_LED
STB_PS_GND
AV3V
Timer_REC_LED
AV3Y (S)
AV3C (S)
AI_SENSE
R_LED
STB_3.3V
REMOTE
KEYSCAN
AV3_LIN
S_DET
AV3_RIN
HP_LOUT
HP_ROUT
LXD500 ONLY
*R3355 100
C3233 0.1u 16V
C3231 16V 0.1u
AV3_V
TRE
AV3_Y
AV3_C
AI_SENSOR
LED_R
RMCN
KEYSCAN
AV3_L
AV3_S
AV3_R
TO G-BOARD (G5)
H5
SOUND_16V
SOUND_GND
SK_L
WF_L
MUTE
SK_R
WF_R
L3304 J0JCC0000241
L3305 J0JCC0000241
L3307 J0JCC0000241
L3306 J0JCC0000241
IC2302 C0ABBA000168
IC2303 C0ABBA000168
VCC
GND
SHIELD CLIP
ZA2101 TESA169
ZA2102 TESA169
ZA2103 TESA169
ZA2105 TESA169
ZA2106 TESA169
ZA2108 TESA169
ZA2109 TESA169
MUTE CIRCUIT
SUB_5V
MAIN_5V
Q2011 2SA2077OOL
Q2012 2SA2077OOL
Q2017 2SA2077OOL
*D2004 MA3X157A0L
D2003 MA3X152E0L
D2005 MA2J11100L
D2006 MA3X152E0L
AA_MUTE_OUT
R2070 0
R3356 0
R3357 0
R3358 0
AA *JS3401 0
LXD500 ONLY
AC *JS3403 0
LX500F/P ONLY
RGB Sel AV4 AV
Q-Link Sel AV4 AV2
YUV judge YC RGB YUV
SOUND_DEF mute
AV_MUTE mute

TX-26/32LXD500 TX-26/32LX500F/P H-Board (4 of 4) Schematic Diagram

11.10. XV-Board (1 of 5) Schematic Diagram


XV-BOARD TNP0EXV01AD (1/5)
(TX-32/26LXD500 ONLY)
A
B
C
D
E
1
2
3
4
CPU_BUS
IIC_BUS/JTAG
AO_XFERST0
AO_SPCLK
AO_SPDATA7
AO_SPEN
AO_SPPKTST
AA_XIRQ1
IC8864
C0DBFFD00003
AVR +1.8V
VIN
SUB
CONT
VOUT
NC
GND
Cn
L8004
J0JHC0000045
3.3V
C8872
6.3V
2.2u
C8870
50V
470p
24.167MHz
X8003
H0J241500001
C8043
50V
7p
C8042
50V
7p
R8041
150k
R8073
1M
3.3VA
R8035
0
C8052
0.01u
16V
1.8V/260mA
TP8033
1.8V
R8034
0
C8041
4V
100u
C8039
16V
0.01u
C8046
16V
0.01u
C8037
16V
0.01u
C8059
16V
0.01u
SUB5V
5V
L8008
J0JHC0000045
C8056
16V
0.01u
C8058
16V
0.01u
C8055
6.3V
47u
C8030
16V
0.01u
C8019
16V
0.01u
C8020
16V
0.01u
R8036
16k
C8060
16V
0.01u
C8021
50V
1000p
C8015
50V
8p
R8047
100
C8007
50V
1000p
R8050
100
RESET
R8056
33
R8057
68
AO_SPEN
AO_SPCLK
C8040
16V
0.01u
R8076
10k
C8061
16V
0.01u
C8005
16V
10u
C8003
16V
0.01u
C8010
50V
1p
C8004
10V
0.1u
R8008
1k
C8001
16V
0.01u
R8051
EXB38V330JV
AO_SPDATA0
AO_SPDATA1
AO_SPDATA2
AO_SPDATA3
C8047
16V
0.01u
C8051
16V
0.01u
R8058
EXB38V330JV
AO_SPDATA4
AO_SPDATA5
AO_SPDATA6
AO_SPDATA7
AO_SPPKTST
R8046
33
IC8003
STV0360CT
COFDM DEMODULATOR
R8003
180
C8071
50V
27p
R8004
180
C8073
50V
27p
C8062
10V
0.15u
C8002
10V
0.1u
R8074 180
R8075 180
R8049 100
R8048 100
R8039
4.7k
R8040
4.7k
AD_SCL1
AD_SDA1
GNDA
REFM
REFP
VR
PGAVCC3.3
INM
INP
PGAGND
XRESET
VDD
TEST
GND
IP0
VDD
GND
CS0
GND
CS1
VDD3.3
XTALI
XTALO
GNDXTAL
HFEC0
CCLK/HFEC1
CDATA/HFEC2
OP0
VDD3.3
LOCK/OP1
LOCK/OP2
GND
ERROR
VDD
D/XP
GND
CLK_OUT
TEST
SCLT
SDAT
GND
SCL
SDA
VDD3.3
STR_OUT
GND
D7
D6
D5
VDD
D4
D3
D2
D1
D0
VDD3.3
AGC2
GND
AGC1
CIQ/HFEC3
AUX_CLK
GND
VDDA1.8
DVCCA1.8
DGNDA
VCCXTAL1.8
IFD1
IFD2
IF_AGC
IFA
5V
V_SUPPLY
4M_OUT
NC
SDA
SCL
RF_AGC
NC
5V
ANT_V_SUPPLY
TU8001
ENV87H06D8F
TV TUNER
ACI_XEDBA
ACI_POWER
ACI_RESET
ACI_REG
ACI_XWE
ACI_IOWR
ACI_IORD
ACI_XOE
AA_XI
3.3V
R8402
0
AS3
AA_XE
AA_E
R80
IC8401
C0ZBZ0001086
CARD 5V
EN
FLG
GND
ILIM
OUT
IN
OUT
NC
R8421
10k
R8422
330
C8407
16V
0.1u
R8424
0.1
C8415
16V
0.1u

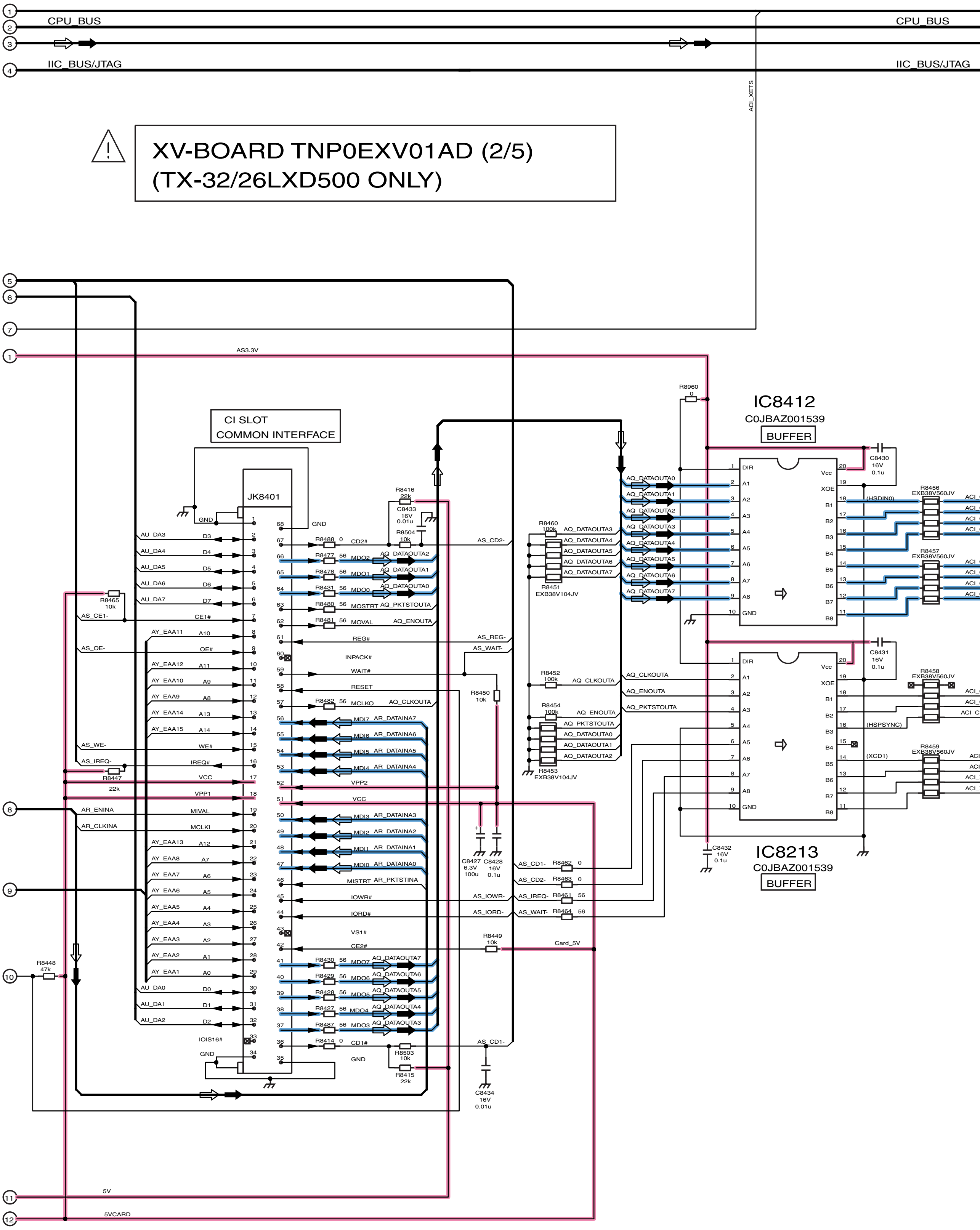
TX-32/26LXD500
XV-Board (1 of 5) Schematic Diagram



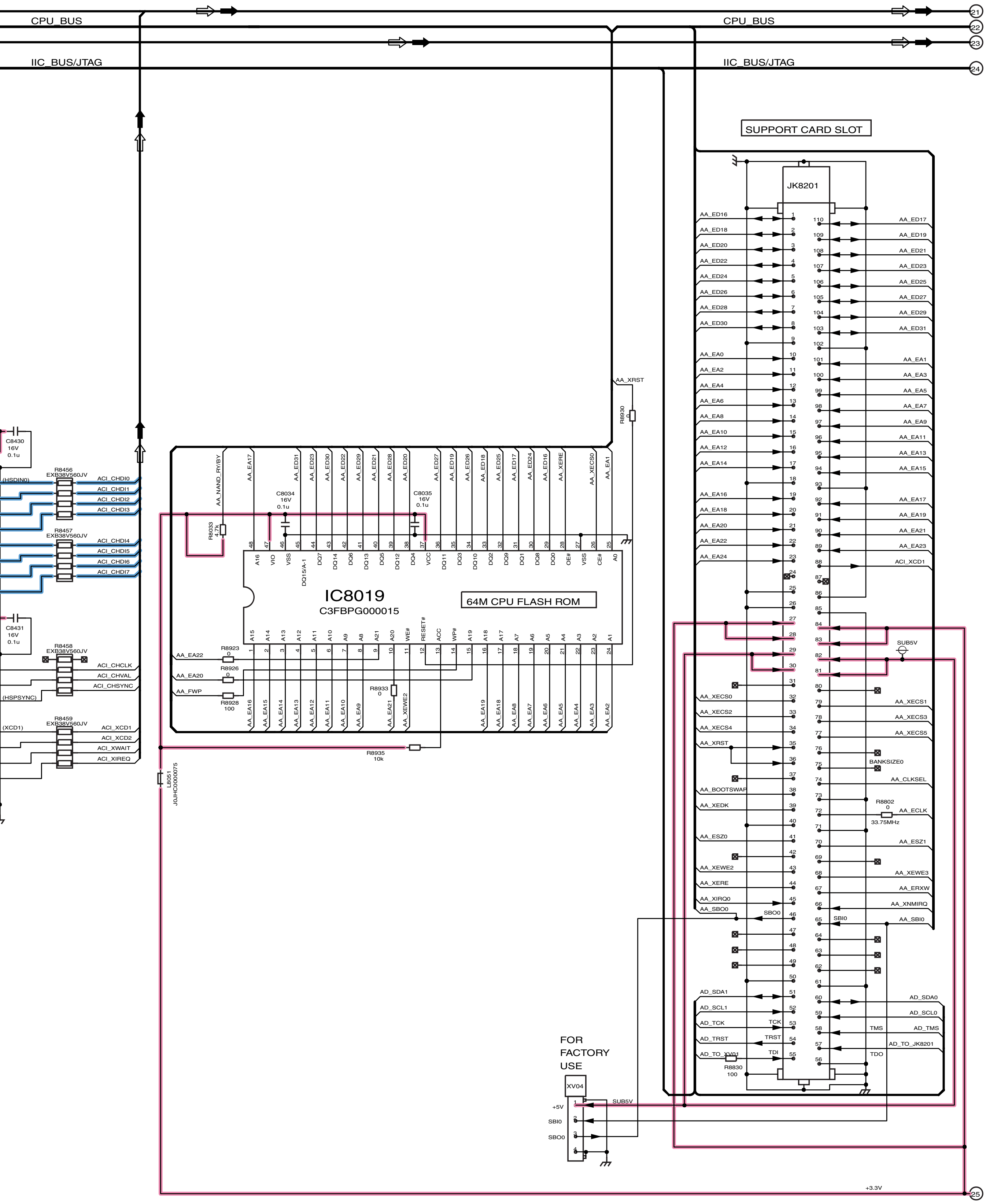
CPU_BUS
IIC_BUS/JTAG
ACI_XEAB
R8963 100
AA_XIRQ2
3.3V
R8402 0
AS3.3V
AA_XECS3
AA_ERXW
IC8402
74LVC4245AD
DATA BUFFER
R8425 EXB38V101JV
AA_ED18
AA_ED17
AA_ED16
AA_ED23
AA_ED22
AA_ED21
AA_ED20
AA_ED19
R8962 100
R8426 EXB38V101JV
XCIEDB
C8409 16V 0.1u
R8419 EXB38V101JV
AU_DA2
AU_DA1
AU_DA0
AU_DA7
AU_DA6
AU_DA5
AU_DA4
AU_DA3
R8420 EXB38V101JV
R8417 EXB38V473JV
R8418 EXB38V473JV
C8404 16V 0.1u
ERXW
IC8408
C0JBCZ000255
TS BUFFER
SUB5V
R8401 0
C8419 16V 0.1u
XCIETS
R8964 100
R8469 EXB38V560JV
AO_SPPKTST
AO_SPDATA0
AO_SPDATA1
AO_SPDATA2
AO_SPDATA3
AR_PKTSTINA
AR_DATAINA0
AR_DATAINA1
AR_DATAINA2
AR_DATAINA3
R8446 56
C8413 16V 0.1u
R8495 EXB38V560JV
AO_SPDATA4
AO_SPDATA5
AO_SPEN
AO_SPDATA6
AO_SPDATA7
AO_SPCLK
AR_DATAINA4
AR_DATAINA5
AR_ENINA
AR_DATAINA6
AR_DATAINA7
R8445 56
AR_CLKINA
R8444 100
IC8409
C0JBCZ000255
TS BUFFER
XCIEAB
5V
C8403 16V 0.1u
R8474 0
IC8404
C0JBCZ000255
CONTROL BUFFER
C8406 16V 0.1u
R8505 100
REG#
WE#
IOWR#
IORD#
OE#
XCES3
R8467 56
AS_REG-
AS_WE-
AS_IOWR-
AS_IORD-
AS_OE-
AS_CE1-
R8466 EXB38V560JV
R8468 56
IC8410
C0JBCZ000255
BUFFER
C8414 16V 0.1u
R8496 EXB38V560JV
AA_EA11
AA_EA12
AA_EA10
AA_EA9
AA_EA14
AA_EA15
AA_EA13
CIRESET
H:RESET
L:NORMAL
AY_EAA11
AY_EAA12
AY_EAA10
AY_EAA9
AY_EAA14
AY_EAA15
AY_EAA13
R8434 EXB38V560JV
C8416 16V 0.1u
R8433 EXB38V560JV
AA_EA8
AA_EA7
AA_EA6
AA_EA5
AA_EA4
AA_EA3
AA_EA2
AA_EA1
AY_EAA8
AY_EAA7
AY_EAA6
AY_EAA5
AY_EAA4
AY_EAA3
AY_EAA2
AY_EAA1
R8443 EXB38V560JV
IC8411
C0JBCZ000255
BUFFER
C8407 16V 0.1u
OUT
IN
OUT
NC
R8424 0.1
C8415 16V 0.1u
TP8025
Card_5V
DIR
GND
Vcc
^OE
TOP
VCCB
VCCA
EN
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
5
6
7
8

TX-32/26LXD500
XV-Board (1 of 5) Schematic Diagram

11.11. XV-Board (2 of 5) Schematic Diagram


XV-BOARD TNP0EXV01AD (2/5)
(TX-32/26LXD500 ONLY)
CPU_BUS
IIC_BUS/JTAG
ACI_XETS
AS3.3V
CI SLOT
COMMON INTERFACE
JK8401
IC8412
C0JBAZ001539
BUFFER
IC8213
C0JBAZ001539
BUFFER
DIR
A1
A2
A3
A4
A5
A6
A7
A8
GND
Vcc
XOE
B1
B2
B3
B4
B5
B6
B7
B8
(HSDIN0)
(HSPSYNC)
(XCD1)
R8960
C8430
16V
0.1u
C8431
16V
0.1u
C8432
16V
0.1u
R8456
EXB38V560JV
R8457
EXB38V560JV
R8458
EXB38V560JV
R8459
EXB38V560JV
R8460
100k
R8451
EXB38V104JV
R8452
100k
R8454
100k
R8453
EXB38V104JV
AQ_DATAOUTA0
AQ_DATAOUTA1
AQ_DATAOUTA2
AQ_DATAOUTA3
AQ_DATAOUTA4
AQ_DATAOUTA5
AQ_DATAOUTA6
AQ_DATAOUTA7
AQ_CLKOUTA
AQ_ENOUTA
AQ_PKTSTOUTA
AR_DATAINA0
AR_DATAINA1
AR_DATAINA2
AR_DATAINA3
AR_DATAINA4
AR_DATAINA5
AR_DATAINA6
AR_DATAINA7
AR_PKTSTINA
AR_ENINA
AR_CLKINA
AU_DA0
AU_DA1
AU_DA2
AU_DA3
AU_DA4
AU_DA5
AU_DA6
AU_DA7
AY_EAA1
AY_EAA2
AY_EAA3
AY_EAA4
AY_EAA5
AY_EAA6
AY_EAA7
AY_EAA8
AY_EAA9
AY_EAA10
AY_EAA11
AY_EAA12
AY_EAA13
AY_EAA14
AY_EAA15
AS_CE1-
AS_OE-
AS_WE-
AS_IREQ-
AS_CD1-
AS_CD2-
AS_REG-
AS_WAIT-
AS_IOWR-
AS_IORD-
D0
D1
D2
D3
D4
D5
D6
D7
CE1#
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
OE#
WE#
IREQ#
VCC
VPP1
MIVAL
MCLKI
IOIS16#
GND
CD2#
MDO0
MDO1
MDO2
MDO3
MDO4
MDO5
MDO6
MDO7
MOSTRT
MOVAL
REG#
INPACK#
WAIT#
RESET
MCLKO
MDI0
MDI1
MDI2
MDI3
MDI4
MDI5
MDI6
MDI7
VPP2
MISTRT
IOWR#
IORD#
VS1#
CE2#
CD1#
R8416
22k
C8433
16V
0.01u
R8504
10k
R8488
R8477
R8478
R8431
R8480
R8481
R8482
R8430
R8429
R8428
R8427
R8487
R8414
R8503
10k
R8415
22k
R8450
10k
R8449
10k
C8427
6.3V
100u
C8428
16V
0.1u
C8434
16V
0.01u
R8462
R8463
R8461
R8464
Card_5V
R8465
10k
R8447
22k
R8448
47k
5V
5VCARD

TX-32/26LXD500
XV-Board (2 of 5) Schematic Diagram

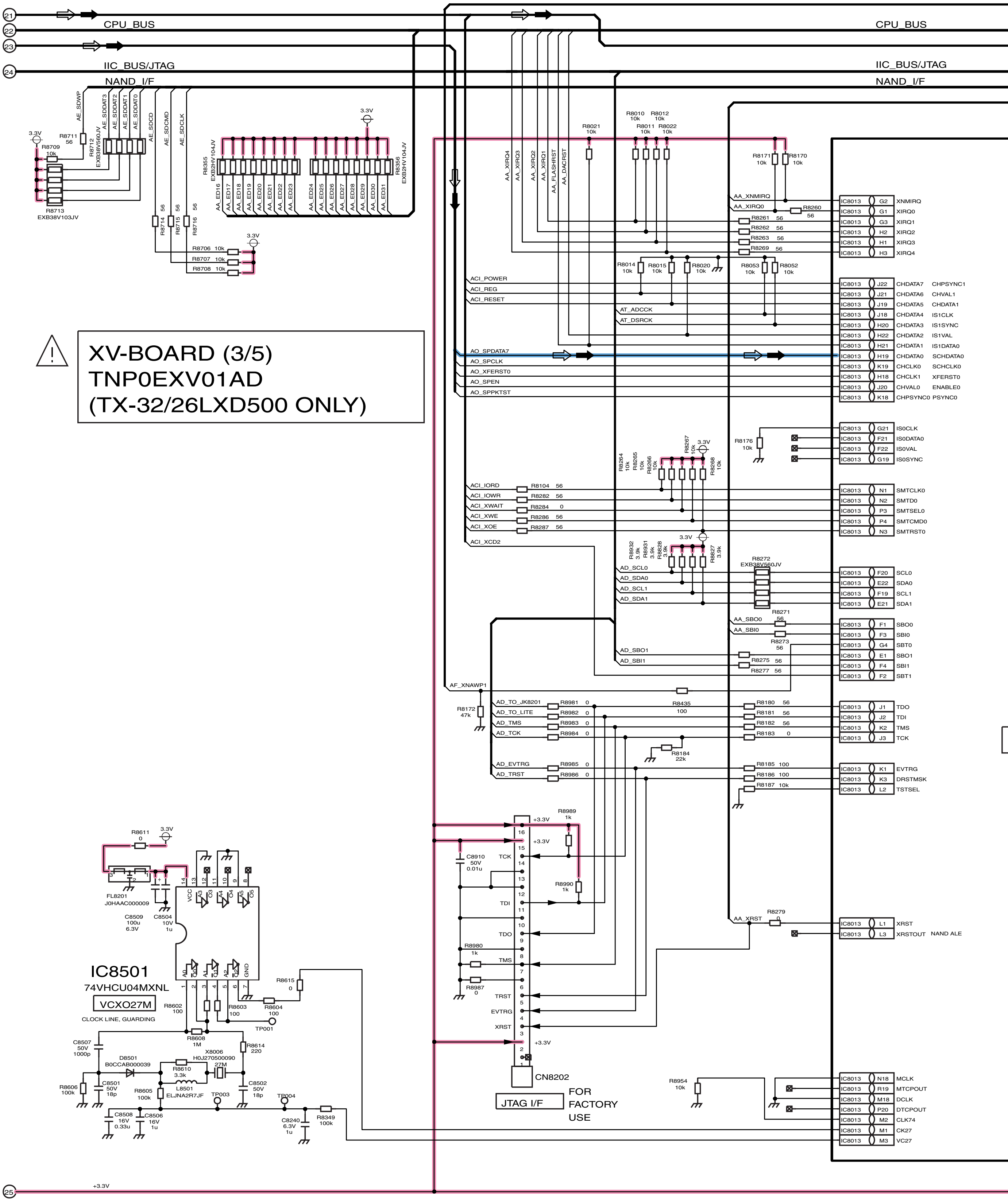

CPU_BUS
IIC_BUS/JTAG
CPU_BUS
IIC_BUS/JTAG
21
22
23
24
25
SUPPORT CARD SLOT
JK8201
IC8019
C3FBPG000015
64M CPU FLASH ROM
C8430 16V 0.1u
C8431 16V 0.1u
C8034 16V 0.1u
C8035 16V 0.1u
R8456 EXB38V560JV
R8457 EXB38V560JV
R8458 EXB38V560JV
R8459 EXB38V560JV
(HSDIN0)
(HSPSYNC)
(XCD1)
ACI_CHDI0
ACI_CHDI1
ACI_CHDI2
ACI_CHDI3
ACI_CHDI4
ACI_CHDI5
ACI_CHDI6
ACI_CHDI7
ACI_CHCLK
ACI_CHVAL
ACI_CHSYNC
ACI_XCD1
ACI_XCD2
ACI_XWAIT
ACI_XIREQ
AA_NAND_RY/BY
R8033 4.7k
R8923 0
R8926 0
R8928 100
R8933 0
R8935 10k
R8930
AA_XRST
AA_EA22
AA_EA20
AA_FWP
L8051 J0JHC0000075
AA_ED16
AA_ED18
AA_ED20
AA_ED22
AA_ED24
AA_ED26
AA_ED28
AA_ED30
AA_ED17
AA_ED19
AA_ED21
AA_ED23
AA_ED25
AA_ED27
AA_ED29
AA_ED31
AA_EA0
AA_EA1
AA_EA2
AA_EA3
AA_EA4
AA_EA5
AA_EA6
AA_EA7
AA_EA8
AA_EA9
AA_EA10
AA_EA11
AA_EA12
AA_EA13
AA_EA14
AA_EA15
AA_EA16
AA_EA17
AA_EA18
AA_EA19
AA_EA20
AA_EA21
AA_EA22
AA_EA23
AA_EA24
ACI_XCD1
SUB5V
AA_XECS0
AA_XECS1
AA_XECS2
AA_XECS3
AA_XECS4
AA_XECS5
AA_XRST
BANKSIZE0
AA_CLKSEL
AA_BOOTSWAP
AA_XEDK
R8802 0
AA_ECLK
33.75MHz
AA_ESZ0
AA_ESZ1
AA_XEWE2
AA_XEWE3
AA_XERE
AA_ERXW
AA_XIRQ0
AA_XNMIRQ
AA_SBO0
SBO0
SBI0
AA_SBI0
AD_SDA1
AD_SCL1
AD_TCK
AD_TRST
AD_TO_XV01
AD_SDA0
AD_SCL0
AD_TMS
AD_TO_JK8201
TCK
TRST
TDI
TMS
TDO
R8830 100
FOR FACTORY USE
XV04
+5V
SBI0
SBO0
SUB5V
+3.3V

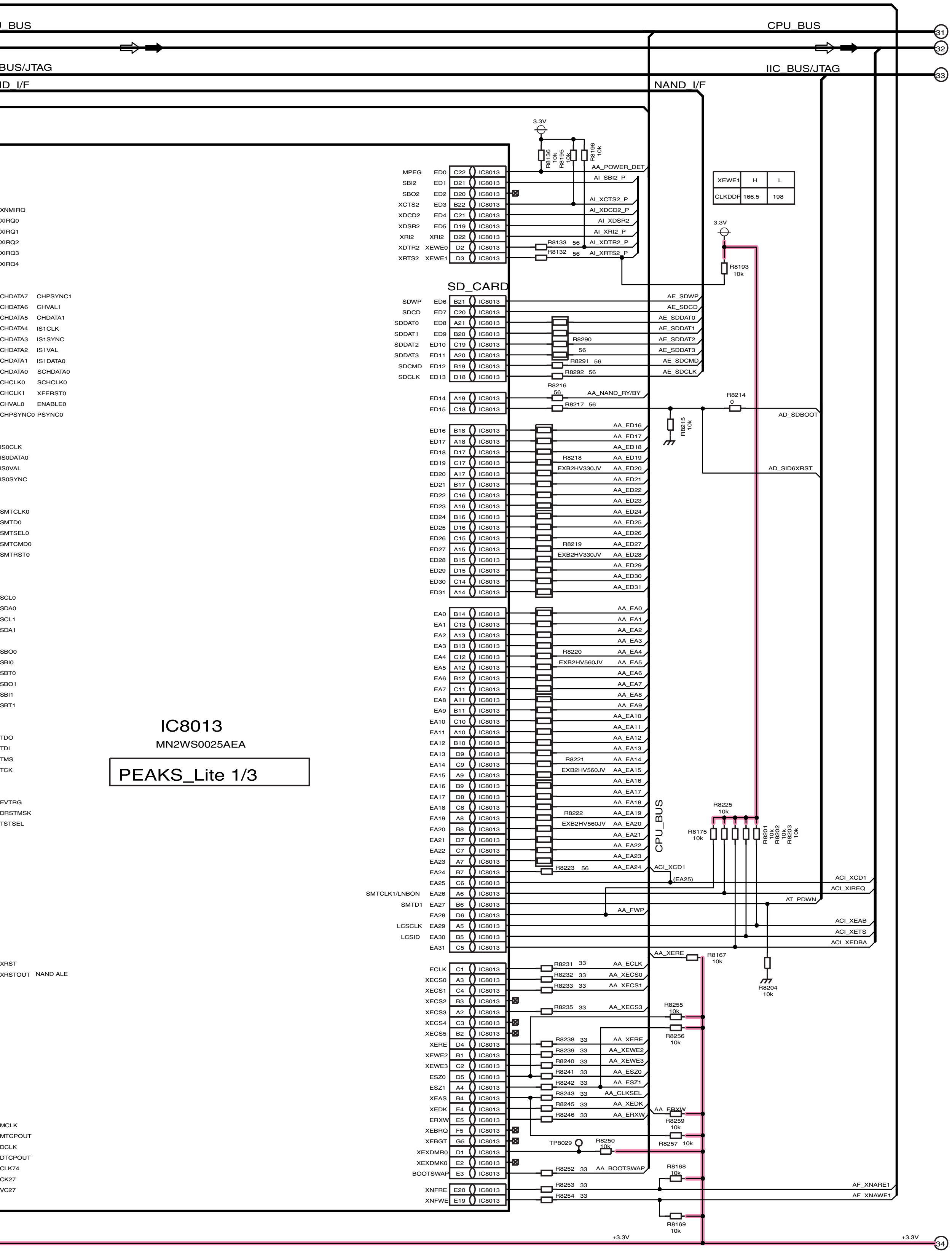
TX-32/26LXD500

XV-Board (2 of 5) Schematic Diagram

12	13	14	15

11.12. XV-Board (3 of 5) Schematic Diagram

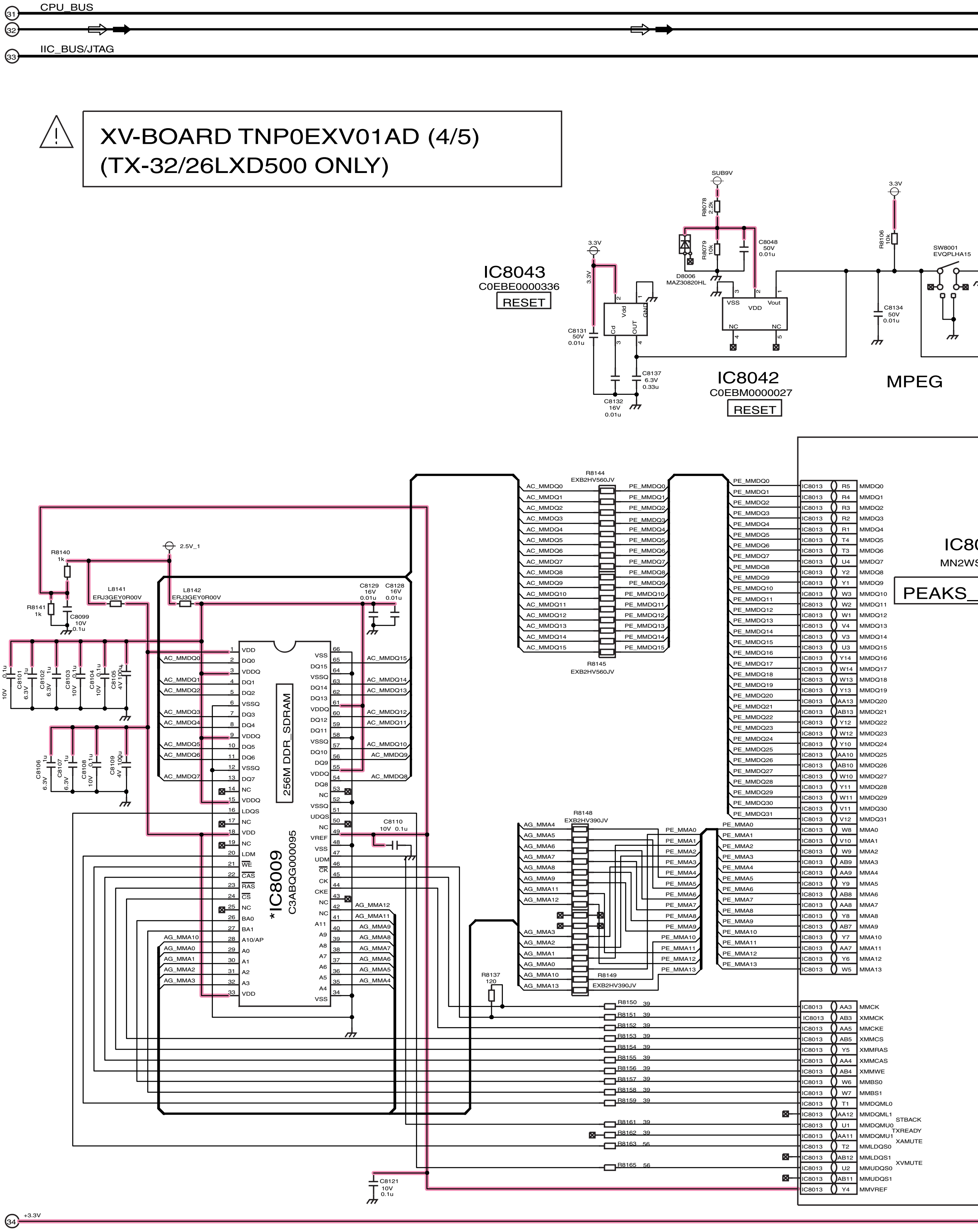

CPU_BUS
IIC_BUS/JTAG
NAND_I/F
XV-BOARD (3/5)
TNP0EXV01AD
(TX-32/26LXD500 ONLY)
AE_SDWP
AE_SDDAT3
AE_SDDAT2
AE_SDDAT1
AE_SDDAT0
AE_SDCD
AE_SDCMD
AE_SDCLK
R8709 10k
R8711 56
R8712 EXB38V560JV
R8713 EXB38V103JV
R8714 56
R8715 56
R8716 56
R8706 10k
R8707 10k
R8708 10k
R8355 EXB2HV104JV
R8356 EXB2HV104JV
AA_ED16
AA_ED17
AA_ED18
AA_ED19
AA_ED20
AA_ED21
AA_ED22
AA_ED23
AA_ED24
AA_ED25
AA_ED26
AA_ED27
AA_ED28
AA_ED29
AA_ED30
AA_ED31
AA_XIRQ4
AA_XIRQ3
AA_XIRQ2
AA_XIRQ1
AA_FLASHRST
AA_DACRST
R8021 10k
R8010 10k
R8011 10k
R8012 10k
R8022 10k
R8171 10k
R8170 10k
AA_XNMIRQ
AA_XIRQ0
R8260 56
R8261 56
R8262 56
R8263 56
R8269 56
R8014 10k
R8015 10k
R8020 10k
R8053 10k
R8052 10k
ACI_POWER
ACI_REG
ACI_RESET
AT_ADCCK
AT_DSRCK
AO_SPDATA7
AO_SPCLK
AO_XFERST0
AO_SPEN
AO_SPPKTST
IC8013
XNMIRQ
XIRQ0
XIRQ1
XIRQ2
XIRQ3
XIRQ4
CHDATA7 CHPSYNC1
CHDATA6 CHVAL1
CHDATA5 CHDATA1
CHDATA4 IS1CLK
CHDATA3 IS1SYNC
CHDATA2 IS1VAL
CHDATA1 IS1DATA0
CHDATA0 SCHDATA0
CHCLK0 SCHCLK0
CHCLK1 XFERST0
CHVAL0 ENABLE0
CHPSYNC0 PSYNC0
R8176 10k
IS0CLK
IS0DATA0
IS0VAL
IS0SYNC
ACI_IORD
ACI_IOWR
ACI_XWAIT
ACI_XWE
ACI_XOE
ACI_XCD2
R8104 56
R8282 56
R8284 0
R8286 56
R8287 56
SMTCLK0
SMTD0
SMTSEL0
SMTCMD0
SMTRST0
R8272 EXB38V560JV
AD_SCL0
AD_SDA0
AD_SCL1
AD_SDA1
SCL0
SDA0
SCL1
SDA1
AA_SBO0
AA_SBI0
AD_SBO1
AD_SBI1
R8271 56
R8273 56
R8275 56
R8277 56
SBO0
SBI0
SBT0
SBO1
SBI1
SBT1
AF_XNAWP1
R8172 47k
AD_TO_JK8201
AD_TO_LITE
AD_TMS
AD_TCK
R8981 0
R8982 0
R8983 0
R8984 0
R8435 100
R8180 56
R8181 56
R8182 56
R8183 0
TDO
TDI
TMS
TCK
R8184 22k
AD_EVTRG
AD_TRST
R8985 0
R8986 0
R8185 100
R8186 100
R8187 10k
EVTRG
DRSTMSK
TSTSEL
R8989 1k
R8990 1k
+3.3V
C8910 50V 0.01u
R8980 1k
R8987 0
TRST
XRST
CN8202
JTAG I/F
FOR FACTORY USE
AA_XRST
R8279 0
XRSTOUT NAND ALE
R8954 10k
MCLK
MTCPOUT
DCLK
DTCPOUT
CLK74
CK27
VC27
R8611 0
3.3V
FL8201 J0HAAC000009
C8509 100u 6.3V
C8504 10V 1u
IC8501
74VHCU04MXNL
VCXO27M
CLOCK LINE, GUARDING
R8602 100
R8603 100
R8604 100
R8615 0
TP001
C8507 50V 1000p
D8501 B0CCAB000039
R8608 1M
X8006 H0J270500090 27M
R8614 220
R8610 3.3k
R8606 100k
C8501 50V 18p
R8605 100k
L8501 ELJNA2R7JF
TP003
C8502 50V 18p
TP004
C8508 16V 0.33u
C8506 16V 1u
C8240 6.3V 1u
R8349 100k
21
22
23
24
25

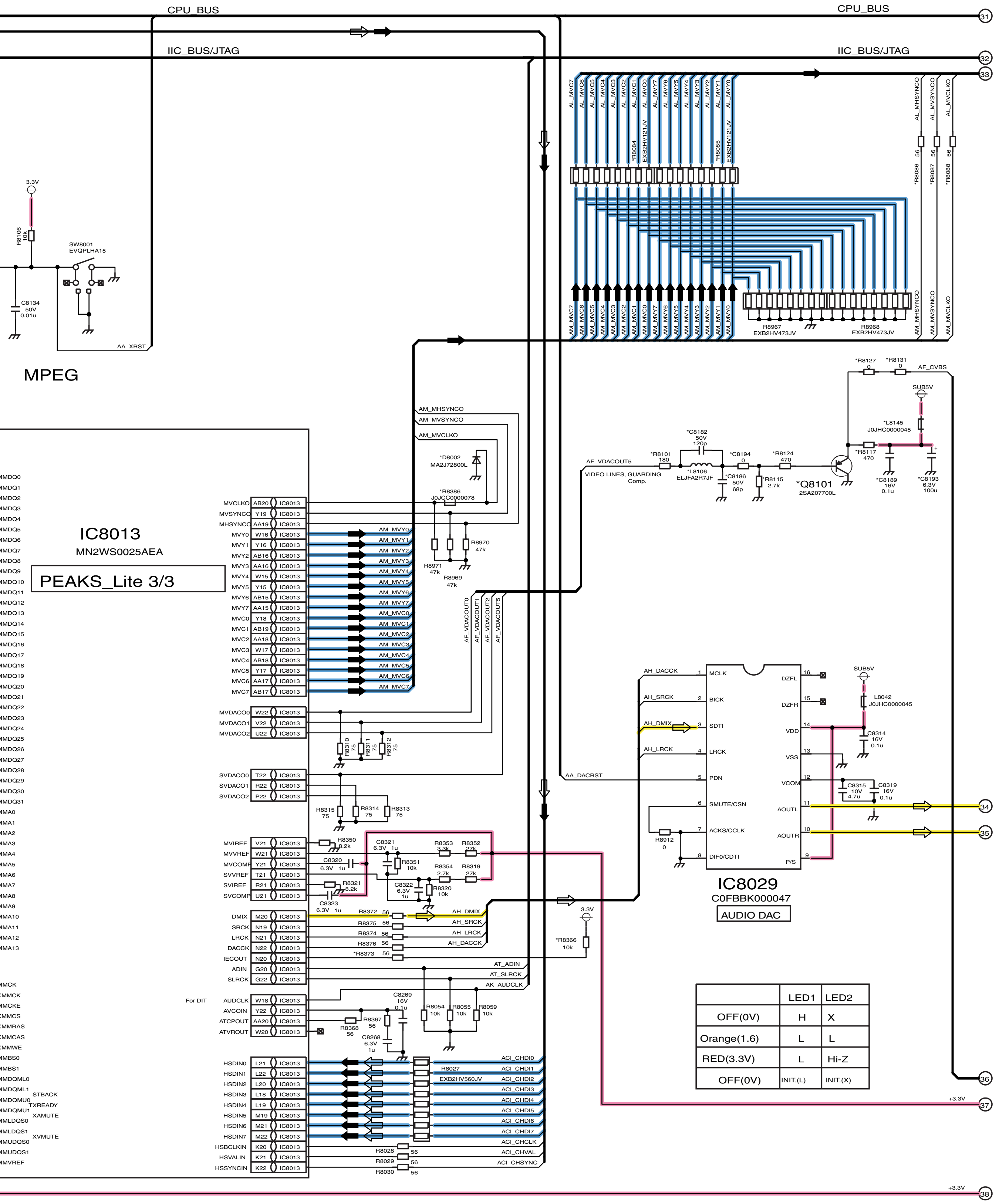

CPU_BUS
IIC_BUS/JTAG
NAND_I/F
SD_CARD
CPU_BUS
IC8013
MN2WS0025AEA
PEAKS_Lite 1/3
XEWE1 H L
CLKDDR 166.5 198
3.3V
+3.3V
R8136 10k
R8195 10k
R8196 10k
R8193 10k
R8214 0
R8215 10k
R8218 EXB2HV330JV
R8219 EXB2HV330JV
R8220 EXB2HV560JV
R8221 EXB2HV560JV
R8222 EXB2HV560JV
R8225 10k
R8175 10k
R8167 10k
R8204 10k
TP8029
AA_POWER_DET
AE_SDWP
AD_SDBOOT
AD_SID6XRST
ACI_XCD1
ACI_XIREQ
AT_PDWN
ACI_XEAB
ACI_XETS
ACI_XEDBA
AF_XNARE1
AF_XNAWE1
31
32
33
34

TX-32/26LXD500
XV-Board (3 of 5) Schematic Diagram

20 21 22 23

11.13. XV-Board (4 of 5) Schematic Diagram

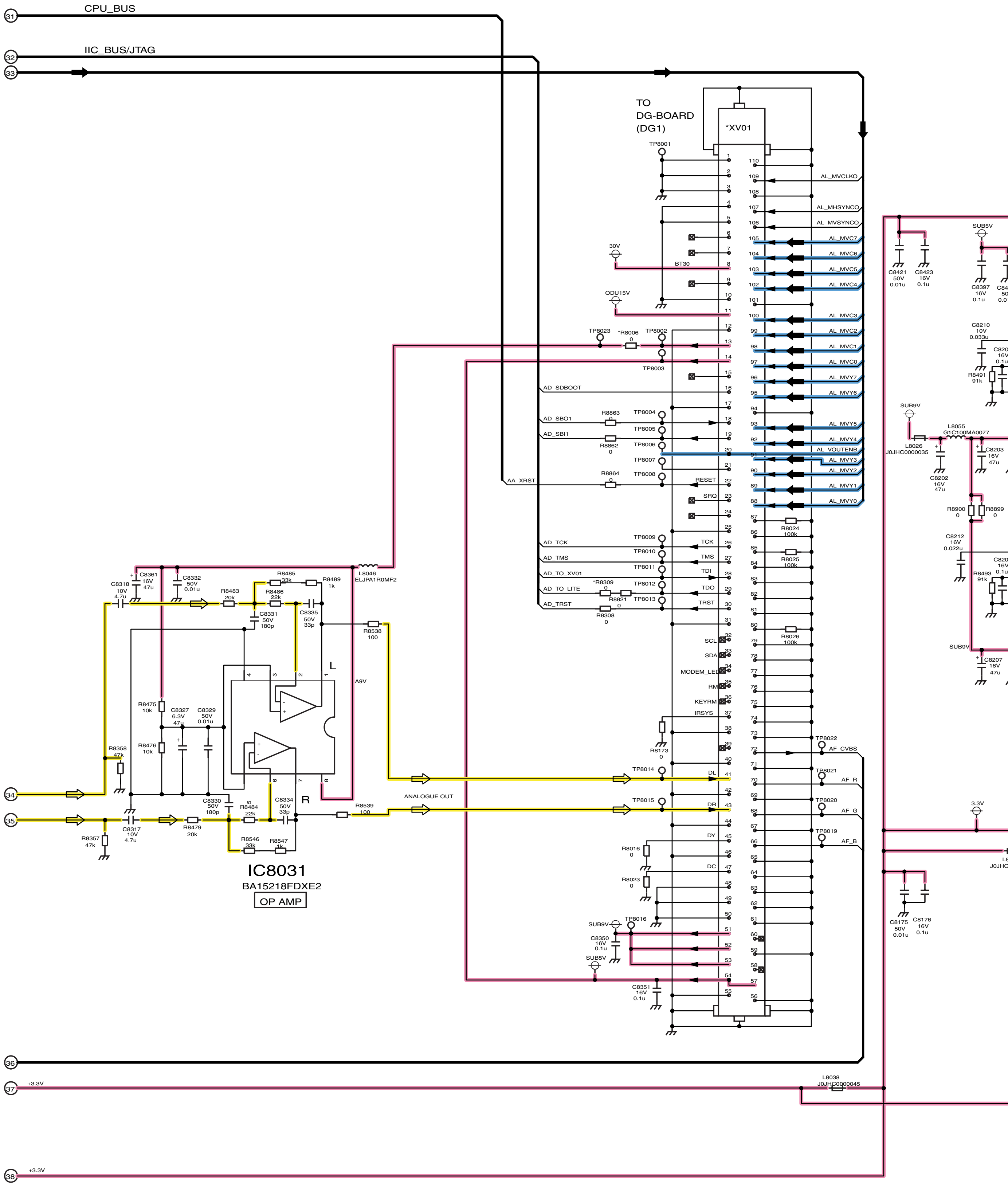

CPU_BUS
IIC_BUS/JTAG
31
32
33
34
+3.3V
XV-BOARD TNP0EXV01AD (4/5)
(TX-32/26LXD500 ONLY)
IC8043
C0EBE0000336
RESET
IC8042
C0EBM0000027
RESET
MPEG
SUB9V
3.3V
R8078 2.2k
R8079 10k
D8006 MAZ30820HL
C8048 50V 0.01u
R8106 10k
SW8001 EVQPLHA15
C8134 50V 0.01u
C8131 50V 0.01u
C8132 16V 0.01u
C8137 6.3V 0.33u
Vdd
OUT
GND
Cd
VSS
VDD
Vout
NC
*IC8009
C3ABQG000095
256M DDR_SDRAM
2.5V_1
R8140 1k
R8141 1k
L8141 ERJ3GEY0R00V
L8142 ERJ3GEY0R00V
C8099 10V 0.1u
C8129 16V 0.01u
C8128 16V 0.01u
C8100 10V 0.1u
C8101 6.3V 1u
C8102 6.3V 1u
C8103 10V 0.1u
C8104 10V 0.1u
C8105 4V 100u
C8106 6.3V 1u
C8107 6.3V 1u
C8108 10V 0.1u
C8109 4V 100u
C8110 10V 0.1u
C8121 10V 0.1u
R8144 EXB2HV560JV
R8145 EXB2HV560JV
R8148 EXB2HV390JV
R8149 EXB2HV390JV
R8137 120
R8150 39
R8151 39
R8152 39
R8153 39
R8154 39
R8155 39
R8156 39
R8157 39
R8158 39
R8159 39
R8161 39
R8162 39
R8163 56
R8165 56
IC80
MN2WS
PEAKS_
MMCK
XMMCK
MMCKE
XMMCS
XMMRAS
XMMCAS
XMMWE
MMBS0
MMBS1
MMDQML0
MMDQML1
MMDQMU0
MMDQMU1
MMLDQS0
MMLDQS1
MMUDQS0
MMUDQS1
MMVREF
STBACK
TXREADY
XAMUTE
XVMUTE


CPU_BUS
IIC_BUS/JTAG
31
32
33
34
35
36
37
38
3.3V
R8106 10k
SW8001 EVQPLHA15
C8134 50V 0.01u
AA_XRST
MPEG
IC8013
MN2WS0025AEA
PEAKS_Lite 3/3
AL_MVC7
AL_MVC6
AL_MVC5
AL_MVC4
AL_MVC3
AL_MVC2
AL_MVC1
AL_MVC0
AL_MVY7
AL_MVY6
AL_MVY5
AL_MVY4
AL_MVY3
AL_MVY2
AL_MVY1
AL_MVY0
AL_MHSYNCO
AL_MVSYNCO
AL_MVCLKO
*R8084 EXB2HV121JV
*R8085 EXB2HV121JV
*R8086 56
*R8087 56
*R8088 56
AM_MVC7
AM_MVC6
AM_MVC5
AM_MVC4
AM_MVC3
AM_MVC2
AM_MVC1
AM_MVC0
AM_MVY7
AM_MVY6
AM_MVY5
AM_MVY4
AM_MVY3
AM_MVY2
AM_MVY1
AM_MVY0
AM_MHSYNCO
AM_MVSYNCO
AM_MVCLKO
R8967 EXB2HV473JV
R8968 EXB2HV473JV
*R8127 0
*R8131 0
AF_CVBS
SUB5V
*L8145 J0JHC0000045
*C8182 50V 120p
*R8101 180
*C8194 0
*R8124 470
*R8117 470
AF_VDACOUT5
VIDEO LINES, GUARDING Comp.
*L8106 ELJFA2R7JF
*C8186 50V 68p
*R8115 2.7k
*Q8101 2SA207700L
*C8189 16V 0.1u
*C8193 6.3V 100u
*D8002 MA2J72800L
*R8386 J0JCC0000078
R8970 47k
R8971 47k
R8969 47k
AF_VDACOUT0
AF_VDACOUT1
AF_VDACOUT2
AF_VDACOUT5
MVCLKO AB20
MVSYNCO Y19
MHSYNCO AA19
MVY0 W16
MVY1 Y16
MVY2 AB16
MVY3 AA16
MVY4 W15
MVY5 Y15
MVY6 AB15
MVY7 AA15
MVC0 Y18
MVC1 AB19
MVC2 AA18
MVC3 W17
MVC4 AB18
MVC5 Y17
MVC6 AA17
MVC7 AB17
MVDACO0 W22
MVDACO1 V22
MVDACO2 U22
SVDACO0 T22
SVDACO1 R22
SVDACO2 P22
MVIREF V21
MVVREF W21
MVCOMP Y21
SVVREF T21
SVIREF R21
SVCOMP U21
DMIX M20
SRCK N19
LRCK N21
DACCK N22
IECOUT N20
ADIN G20
SLRCK G22
AUDCLK W18
AVCOIN Y22
ATCPOUT AA20
ATVROUT W20
HSDIN0 L21
HSDIN1 L22
HSDIN2 L20
HSDIN3 L18
HSDIN4 L19
HSDIN5 M19
HSDIN6 M21
HSDIN7 M22
HSBCLKIN K20
HSVALIN K21
HSSYNCIN K22
R8310 75
R8311 75
R8312 75
R8315 75
R8314 75
R8313 75
R8350 8.2k
C8321 6.3V 1u
R8353 3.3k
R8352 27k
C8320 6.3V 1u
R8351 10k
R8354 2.7k
R8319 27k
R8321 8.2k
C8322 6.3V 1u
R8320 10k
C8323 6.3V 1u
R8372 56
R8375 56
R8374 56
R8376 56
*R8373 56
AH_DMIX
AH_SRCK
AH_LRCK
AH_DACCK
AT_ADIN
AT_SLRCK
AK_AUDCLK
For DIT
C8269 16V 0.1u
R8367 56
R8368 56
C8268 6.3V 1u
R8054 10k
R8055 10k
R8059 10k
R8027 EXB2HV560JV
ACI_CHDI0
ACI_CHDI1
ACI_CHDI2
ACI_CHDI3
ACI_CHDI4
ACI_CHDI5
ACI_CHDI6
ACI_CHDI7
ACI_CHCLK
ACI_CHVAL
ACI_CHSYNC
R8028 56
R8029 56
R8030 56
*R8366 10k
AA_DACRST
AH_DACCK
AH_SRCK
AH_DMIX
AH_LRCK
R8912 0
1 MCLK
2 BICK
3 SDTI
4 LRCK
5 PDN
6 SMUTE/CSN
7 ACKS/CCLK
8 DIF0/CDTI
16 DZFL
15 DZFR
14 VDD
13 VSS
12 VCOM
11 AOUTL
10 AOUTR
9 P/S
L8042 J0JHC0000045
C8314 16V 0.1u
C8315 10V 4.7u
C8319 16V 0.1u
IC8029
C0FBBK000047
AUDIO DAC
+3.3V
STBACK
TXREADY
XAMUTE
XVMUTE

	LED1	LED2
OFF(0V)	H	X
Orange(1.6)	L	L
RED(3.3V)	L	Hi-Z
OFF(0V)	INIT.(L)	INIT.(X)

TX-32/26LXD500
XV-Board (4 of 5) Schematic Diagram

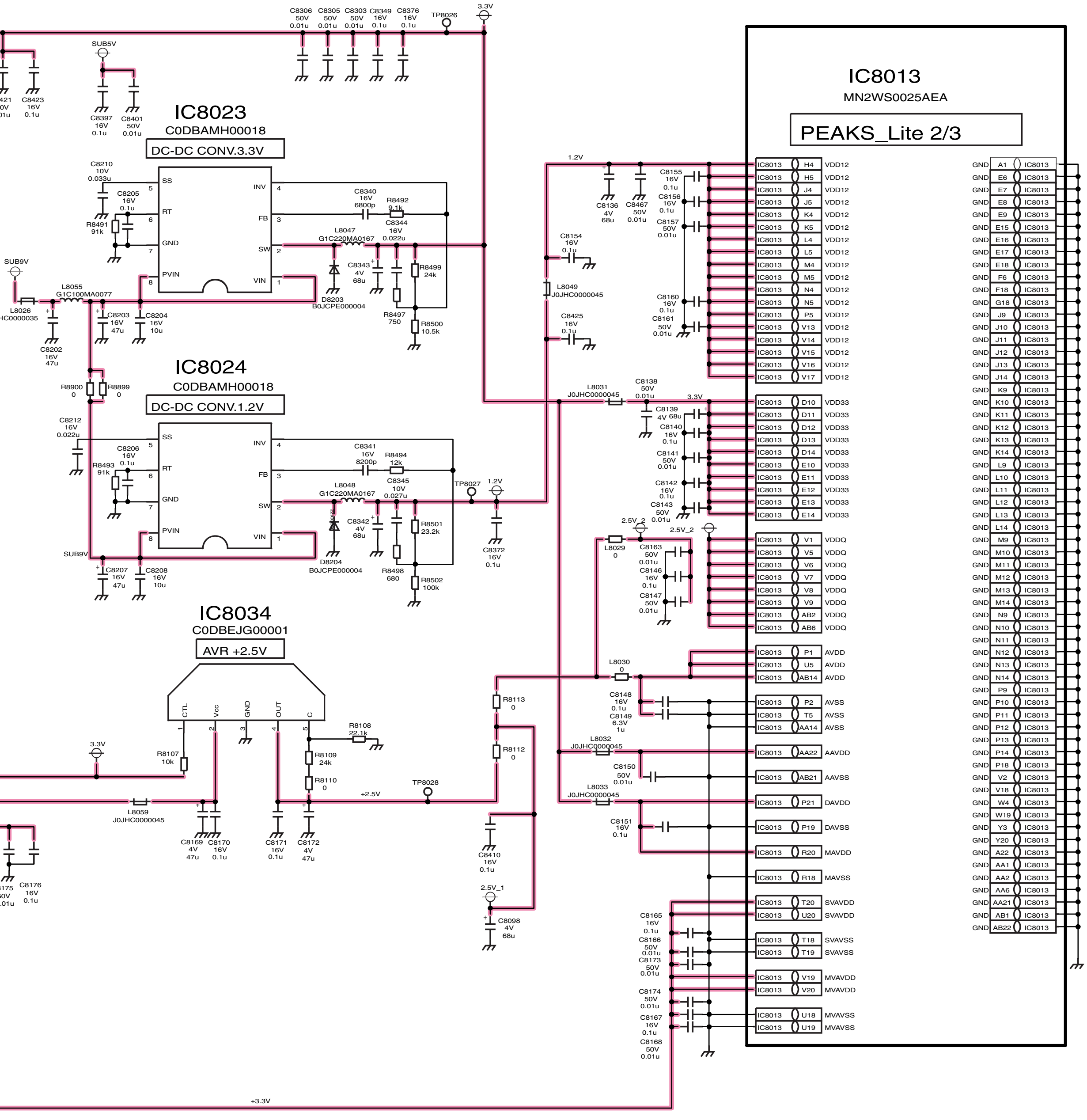
11.14. XV-Board (5 of 5) Schematic Diagram


CPU_BUS
IIC_BUS/JTAG
31
32
33
34
35
36
37
38
+3.3V
+3.3V
TO
DG-BOARD
(DG1)
*XV01
TP8001
30V
BT30
ODU15V
TP8023
*R8006
0
TP8002
TP8003
AD_SDBOOT
AD_SBO1
AD_SBI1
R8863
R8862
0
TP8004
TP8005
TP8006
TP8007
TP8008
R8864
0
AA_XRST
RESET
SRQ
AD_TCK
AD_TMS
AD_TO_XV01
AD_TO_LITE
AD_TRST
TP8009
TP8010
TP8011
TP8012
TP8013
*R8309
0
R8821
0
R8308
0
TCK
TMS
TDI
TDO
TRST
SCL
SDA
MODEM_LED
RM
KEYRM
IRSYS
R8173
0
TP8014
TP8015
DL
DR
DY
DC
R8016
0
R8023
0
TP8016
SUB9V
C8350
16V
0.1u
SUB5V
C8351
16V
0.1u
AL_MVCLKO
AL_MHSYNCO
AL_MVSYNCO
AL_MVC7
AL_MVC6
AL_MVC5
AL_MVC4
AL_MVC3
AL_MVC2
AL_MVC1
AL_MVC0
AL_MVY7
AL_MVY6
AL_MVY5
AL_MVY4
AL_VOUTENB
AL_MVY3
AL_MVY2
AL_MVY1
AL_MVY0
R8024
100k
R8025
100k
R8026
100k
TP8022
AF_CVBS
TP8021
AF_R
TP8020
AF_G
TP8019
AF_B
C8361
16V
47u
C8318
10V
4.7u
C8332
50V
0.01u
R8485
33k
R8489
1k
L8046
ELJPA1R0MF2
R8483
20k
R8486
22k
C8331
50V
180p
C8335
50V
33p
R8538
100
L
A9V
R8475
10k
C8327
6.3V
47u
C8329
50V
0.01u
R8476
10k
R8358
47k
R8357
47k
C8317
10V
4.7u
R8479
20k
C8330
50V
180p
R8484
22k
C8334
50V
33p
R
R8546
33k
R8547
1k
R8539
100
ANALOGUE OUT
IC8031
BA15218FDXE2
OP AMP
L8038
J0JHC0000045
C8421
50V
0.01u
C8423
16V
0.1u
SUB5V
C8397
16V
0.1u
C8210
10V
0.033u
R8491
91k
SUB9V
L8055
G1C100MA0077
L8026
J0JHC0000035
C8202
16V
47u
C8203
16V
47u
R8900
0
R8899
0
C8212
16V
0.022u
R8493
91k
SUB9V
C8207
16V
47u
3.3V
C8175
50V
0.01u
C8176
16V
0.1u

TX-32/26LXD500
XV-Board (5 of 5) Schematic Diagram

31 32 33 34

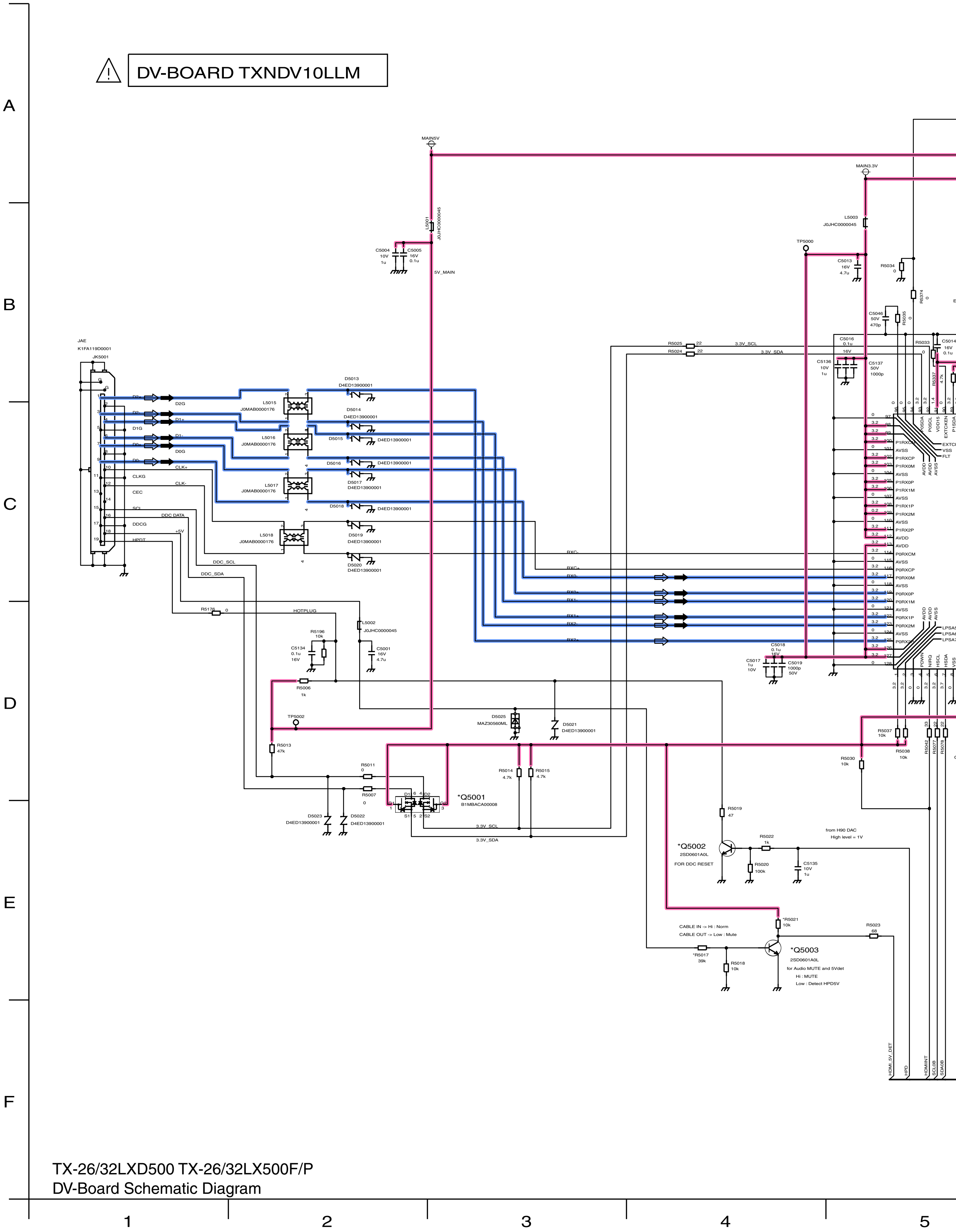
XV-BOARD TNP0EXV01AD (5/5)
(TX-32/26LXD500 ONLY)

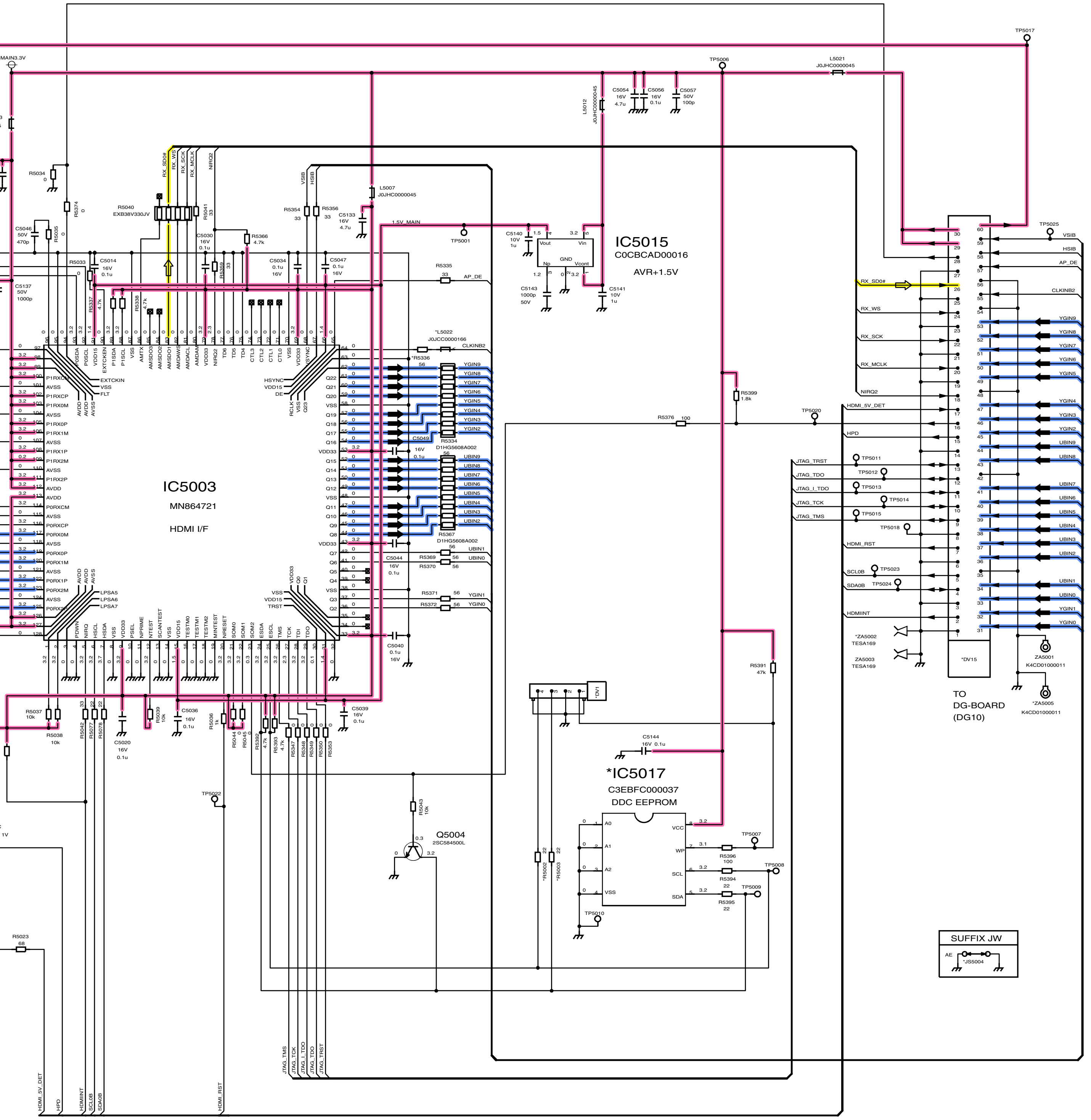

IC8023
C0DBAMH00018
DC-DC CONV.3.3V
IC8024
C0DBAMH00018
DC-DC CONV.1.2V
IC8034
C0DBEJG00001
AVR +2.5V
IC8013
MN2WS0025AEA
PEAKS_Lite 2/3
SS
RT
GND
PVIN
INV
FB
SW
VIN
CTL
Vcc
GND
OUT
C
SUB5V
SUB9V
3.3V
1.2V
2.5V_1
2.5V_2
+2.5V
+3.3V
TP8026
TP8027
TP8028
VDD12
VDD33
VDDQ
AVDD
AVSS
AAVDD
AAVSS
DAVDD
DAVSS
MAVDD
MAVSS
SVAVDD
SVAVSS
MVAVDD
MVAVSS
GND
L8047
G1C220MA0167
L8048
G1C220MA0167
L8055
G1C100MA0077
D8203
B0JCPE000004
D8204
B0JCPE000004
L8031
J0JHC0000045
L8049
J0JHC0000045
L8059
J0JHC0000045
L8032
J0JHC0000045
L8033
J0JHC0000045
L8029
L8030
R8107
10k
R8108
22.1k
R8109
24k
R8110
0
R8112
0
R8113
0

TX-32/26LXD500
XV-Board (5 of 5) Schematic Diagram

35 36 37 38

11.15. DV-Board Schematic Diagram


DV-BOARD TXNDV10LLM
A
B
C
D
E
F
1
2
3
4
5
MAIN5V
MAIN3.3V
L5001
J0JHC0000045
C5004
10V
1u
C5005
16V
0.1u
5V_MAIN
L5003
J0JHC0000045
TP5000
C5013
16V
4.7u
R5034
0
R5374
0
C5046
50V
470p
R5035
0
R5025
22
R5024
22
3.3V_SCL
3.3V_SDA
C5016
0.1u
16V
R5033
0
C5014
16V
0.1u
C5136
10V
1u
C5137
50V
1000p
R5337
4.7k
JAE
K1FA119D0001
JK5001
D2+
D2G
D2-
D1+
D1G
D1-
D0+
D0G
D0-
CLK+
CLKG
CLK-
CEC
SCL
DDC DATA
DDCG
+5V
HPDT
L5015
J0MAB0000176
L5016
J0MAB0000176
L5017
J0MAB0000176
L5018
J0MAB0000176
D5013
D4ED13900001
D5014
D4ED13900001
D5015
D4ED13900001
D5016
D4ED13900001
D5017
D4ED13900001
D5018
D4ED13900001
D5019
D4ED13900001
D5020
D4ED13900001
DDC_SCL
DDC_SDA
RXC-
RXC+
RX0-
RX0+
RX1-
RX1+
RX2-
RX2+
R5176
0
HOTPLUG
R5196
10k
C5134
0.1u
16V
L5002
J0JHC0000045
C5001
16V
4.7u
R5006
1k
TP5002
R5013
47k
D5025
MAZ30560ML
D5021
D4ED13900001
R5011
0
R5007
0
D5023
D4ED13900001
D5022
D4ED13900001
R5014
4.7k
R5015
4.7k
*Q5001
B1MBACA00008
3.3V_SCL
3.3V_SDA
C5017
1u
10V
C5018
0.1u
16V
C5019
1000p
50V
R5037
10k
R5038
10k
R5030
10k
R5042
R5077
R5078
33
22
22
R5019
47
*Q5002
2SD0601A0L
FOR DDC RESET
R5022
1k
R5020
100k
C5135
10V
1u
from H90 DAC
High level = 1V
*R5021
10k
R5023
68
CABLE IN -> Hi : Norm
CABLE OUT -> Low : Mute
*R5017
39k
R5018
10k
*Q5003
2SD0601A0L
for Audio MUTE and 5Vdet
Hi : MUTE
Low : Detect HPD5V
P1RXCM
AVSS
P1RXCP
P1RX0M
P1RX0P
P1RX1M
P1RX1P
P1RX2M
P1RX2P
AVDD
P0RXCM
P0RXCP
P0RX0M
P0RX0P
P0RX1M
P0RX1P
P0RX2M
P0RX2P
P0SDA
P0SCL
VDD15
EXTCKEN
P1SDA
EXTC
VSS
FLT
AVDD
AVDD
AVSS
LPSA
PDWN
NIRQ
HSCL
HSDA
VSS
HDMI_5V_DET
HPD
HDMIINT
SCL0B
SDA0B

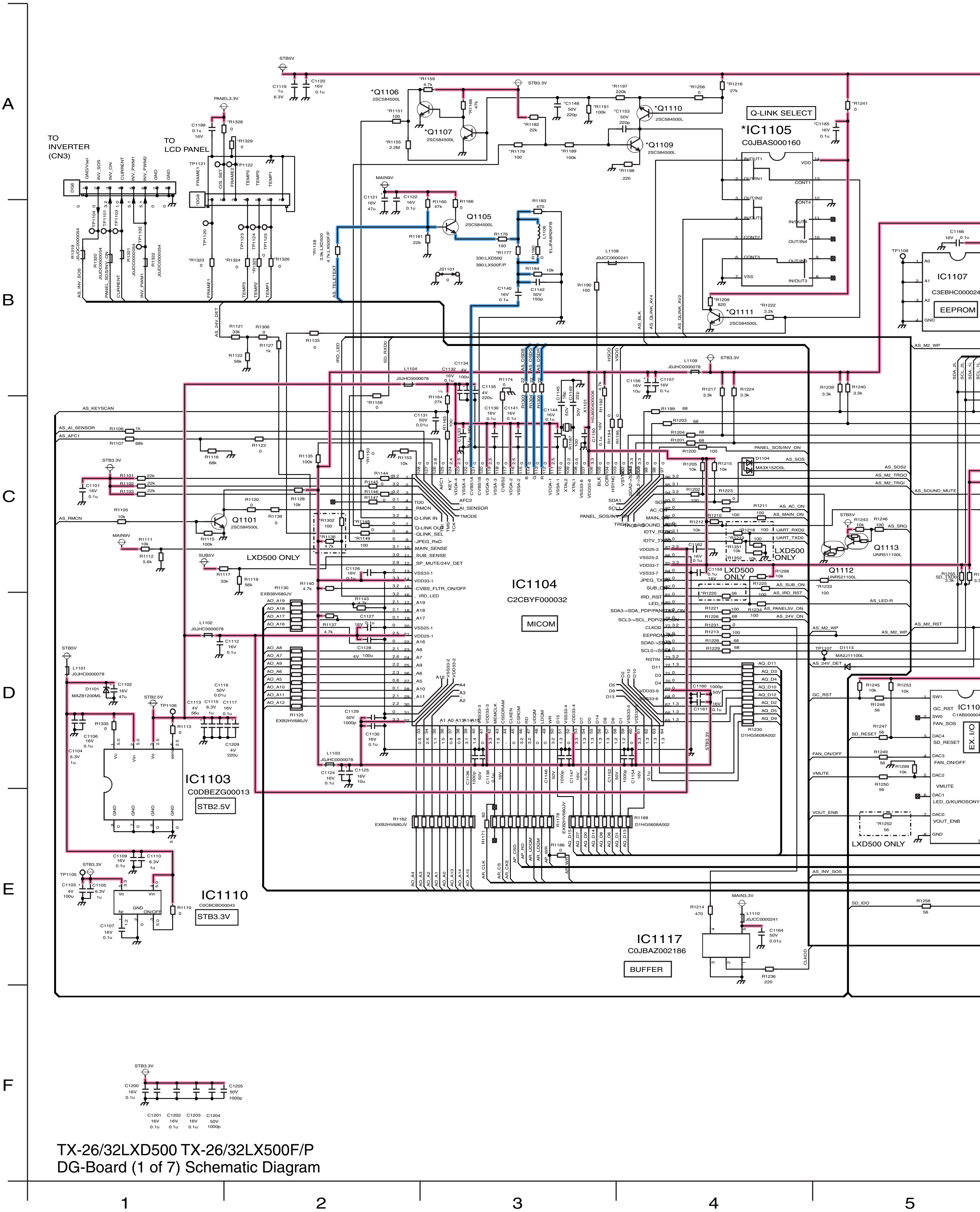


MAIN3.3V
IC5003
MN864721
HDMI I/F
IC5015
C0CBCAD00016
AVR+1.5V
*IC5017
C3EBFC000037
DDC EEPROM
Q5004
2SC584500L
TP5017
TP5006
L5021
J0JHC0000045
L5012
J0JHC0000045
C5054
C5056
C5057
L5007
J0JHC0000045
R5040
EXB38V330JV
R5034
R5374
R5035
C5046
C5137
R5033
C5014
C5030
R5354
R5356
C5133
R5366
C5034
C5047
R5335
AP_DE
1.5V_MAIN
TP5001
C5140
C5143
C5141
*L5022
J0JCC0000166
CLKINB2
*R5336
R5334
D1HG5608A002
R5367
D1HG5608A002
C5049
C5044
R5369
R5370
R5371
R5372
C5040
R5376
R5399
TP5020
R5391
C5144
R5043
R5002
R5003
R5396
R5394
R5395
TP5007
TP5008
TP5009
TP5010
TP5022
TP5025
TP5011
TP5012
TP5013
TP5014
TP5015
TP5018
TP5023
TP5024
*DV1
*DV15
RX_SD0#
RX_WS
RX_SCK
RX_MCLK
NIRQ2
VSIB
HSIB
HDMI_5V_DET
HPD
JTAG_TRST
JTAG_TDO
JTAG_I_TDO
JTAG_TCK
JTAG_TMS
HDMI_RST
HDMIINT
SCL0B
SDA0B
YGIN9
YGIN8
YGIN7
YGIN6
YGIN5
YGIN4
YGIN3
YGIN2
YGIN1
YGIN0
UBIN9
UBIN8
UBIN7
UBIN6
UBIN5
UBIN4
UBIN3
UBIN2
UBIN1
UBIN0
*ZA5002
TESA169
ZA5003
TESA169
ZA5001
K4CD01000011
*ZA5005
K4CD01000011
TO
DG-BOARD
(DG10)
R5037
R5038
R5042
R5077
R5078
C5020
R5039
C5036
R5036
R5044
R5045
R5392
R5393
R5347
R5348
R5349
R5350
R5353
C5039
R5023
SUFFIX JW
AE
*JS5004

TX-26/32LXD500 TX-26/32LX500F/P
DV-Board Schematic Diagram

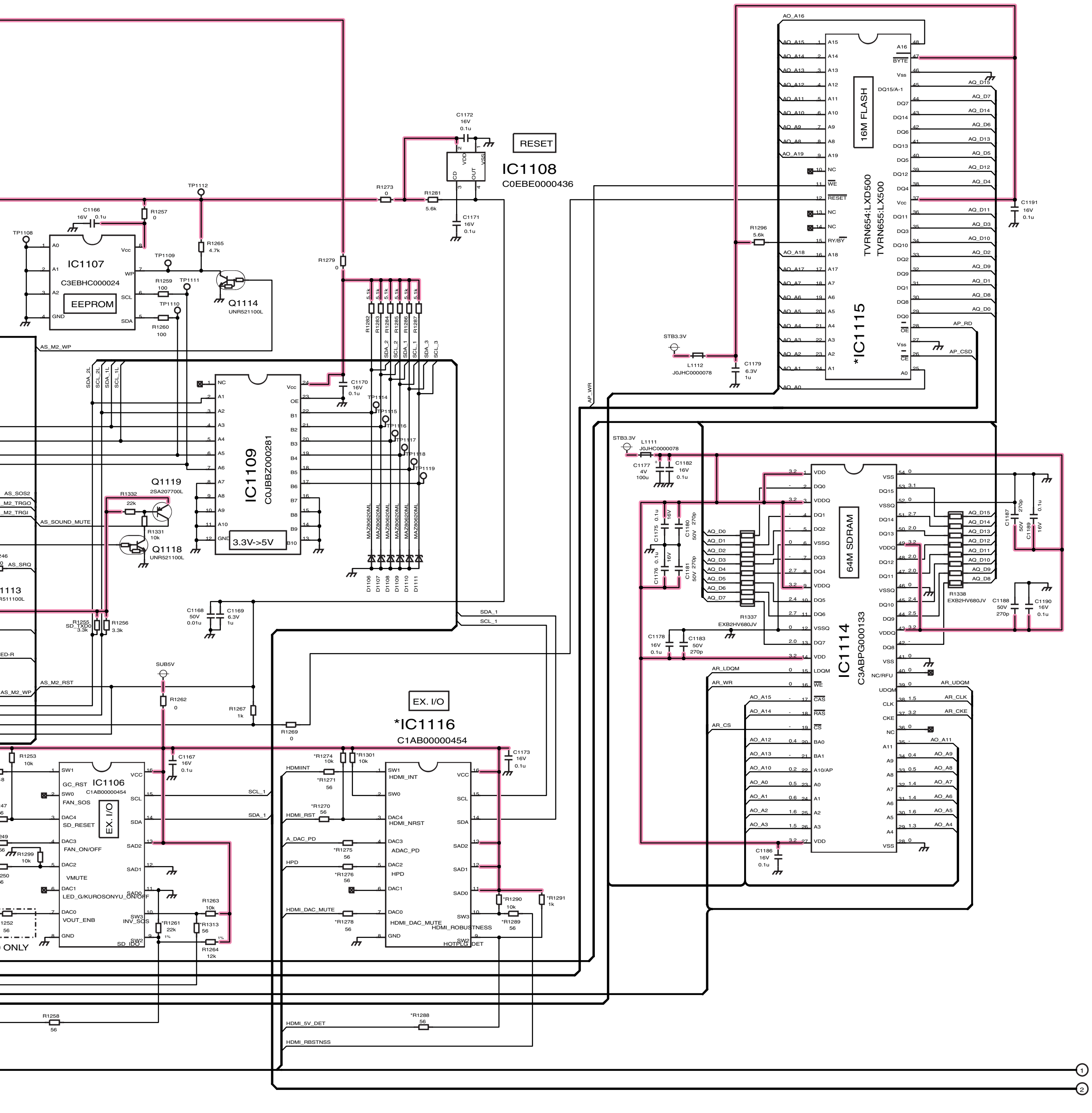
5 6 7 8 9

11.16. DG-Board (1 of 7) Schematic Diagram



A
B
C
D
E
F
1
2
3
4
5
TO INVERTER (CN3)
TO LCD PANEL
DG6
DG8
STB5V
PANEL3.3V
STB3.3V
MAIN9V
SUB5V
MAIN3.3V
STB2.5V
*Q1106
2SC584500L
*Q1107
Q1105
*Q1110
*Q1109
*Q1111
Q1101
Q1112
Q1113
Q-LINK SELECT
*IC1105
C0JBAS000160
IC1107
C3EBHC000024
EEPROM
IC1104
C2CBYF000032
MICOM
IC1103
C0DBEZG00013
STB2.5V
IC1110
C0CBCBD00043
STB3.3V
IC1117
C0JBAZ002186
BUFFER
LXD500 ONLY
EX. I/O
AS_KEYSCAN
AS_AI_SENSOR
AS_AFC1
AS_RMCN
AS_SOS
AS_SOS2
AS_M2_TRGO
AS_M2_TRGI
AS_SOUND_MUTE
AS_AC_ON
AS_MAIN_ON
AS_SRQ
UART_RXD0
UART_TXD0
AS_SUB_ON
AS_IRD_RST
AS_LED-R
AS_PANEL5V_ON
AS_24V_ON
AS_M2_WP
AS_M2_RST
AS_24V_DET
AS_INV_SOS
SD_IDO
GC_RST
FAN_ON/OFF
VMUTE
VOUT_ENB

TX-26/32LXD500 TX-26/32LX500F/P
DG-Board (1 of 7) Schematic Diagram

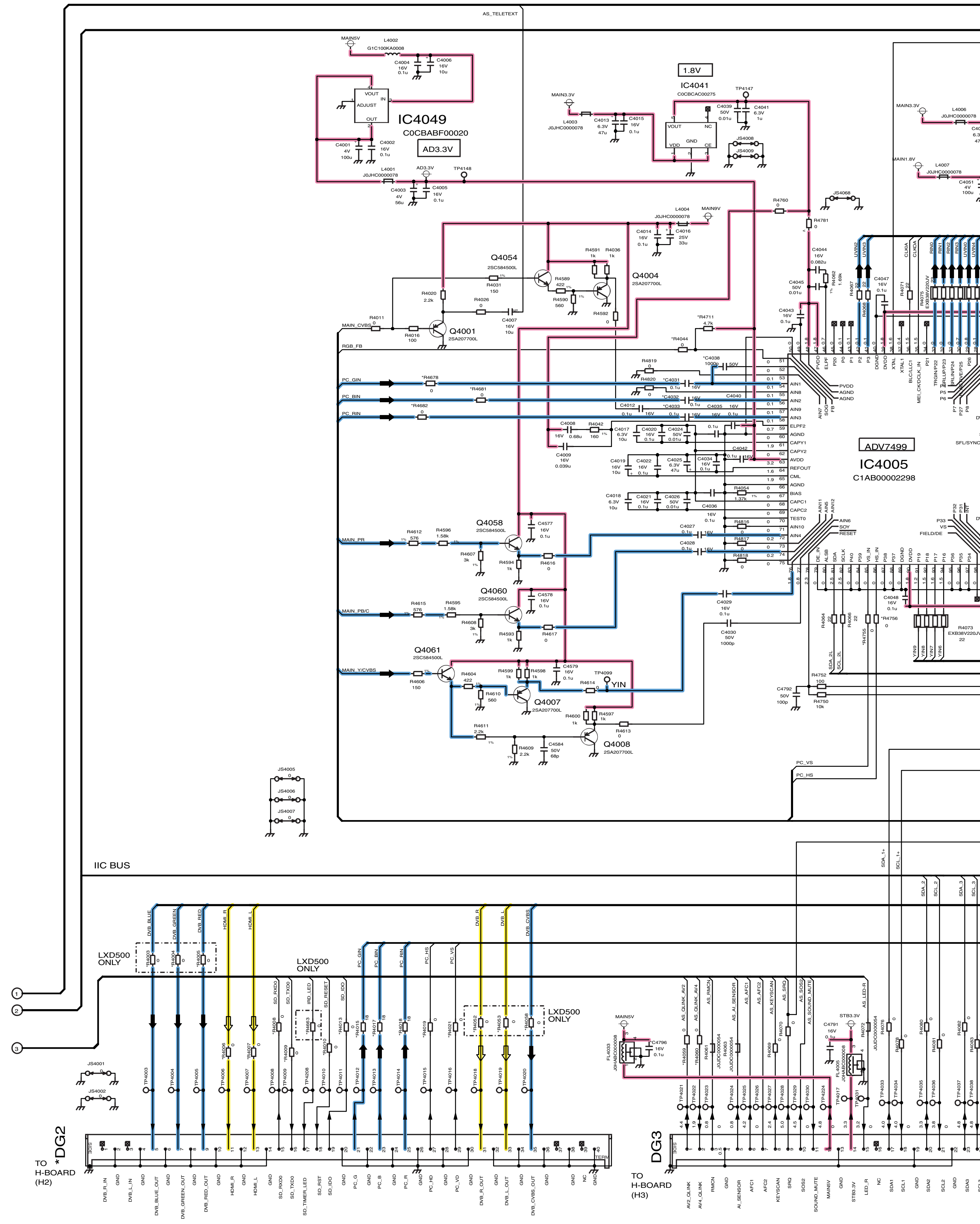


IC1107
C3EBHC000024
EEPROM
Q1114
UNR521100L
IC1108
C0EBE0000436
RESET
IC1109
C0JBBZ000281
3.3V->5V
Q1119
2SA2070OL
Q1118
UNR521100L
*IC1115
16M FLASH
TVRN654:LXD500
TVRN655:LX500
IC1114
C3ABPG000133
64M SDRAM
R1337
EXB2HV680JV
R1338
EXB2HV680JV
IC1106
C1AB00000454
EX. I/O
*IC1116
C1AB00000454
EX. I/O
SDA_1
SCL_1
HDMI_5V_DET
HDMI_RBSTNSS
STB3.3V
SUB5V
AS_M2_WP
AS_SOUND_MUTE
AS_M2_RST
AS_M2_WP
AP_WR
AP_RD
AP_CSD
AR_LDQM
AR_WR
AR_CS
AR_UDQM
AR_CLK
AR_CKE
1
2
3

DG-BOARD (1/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)

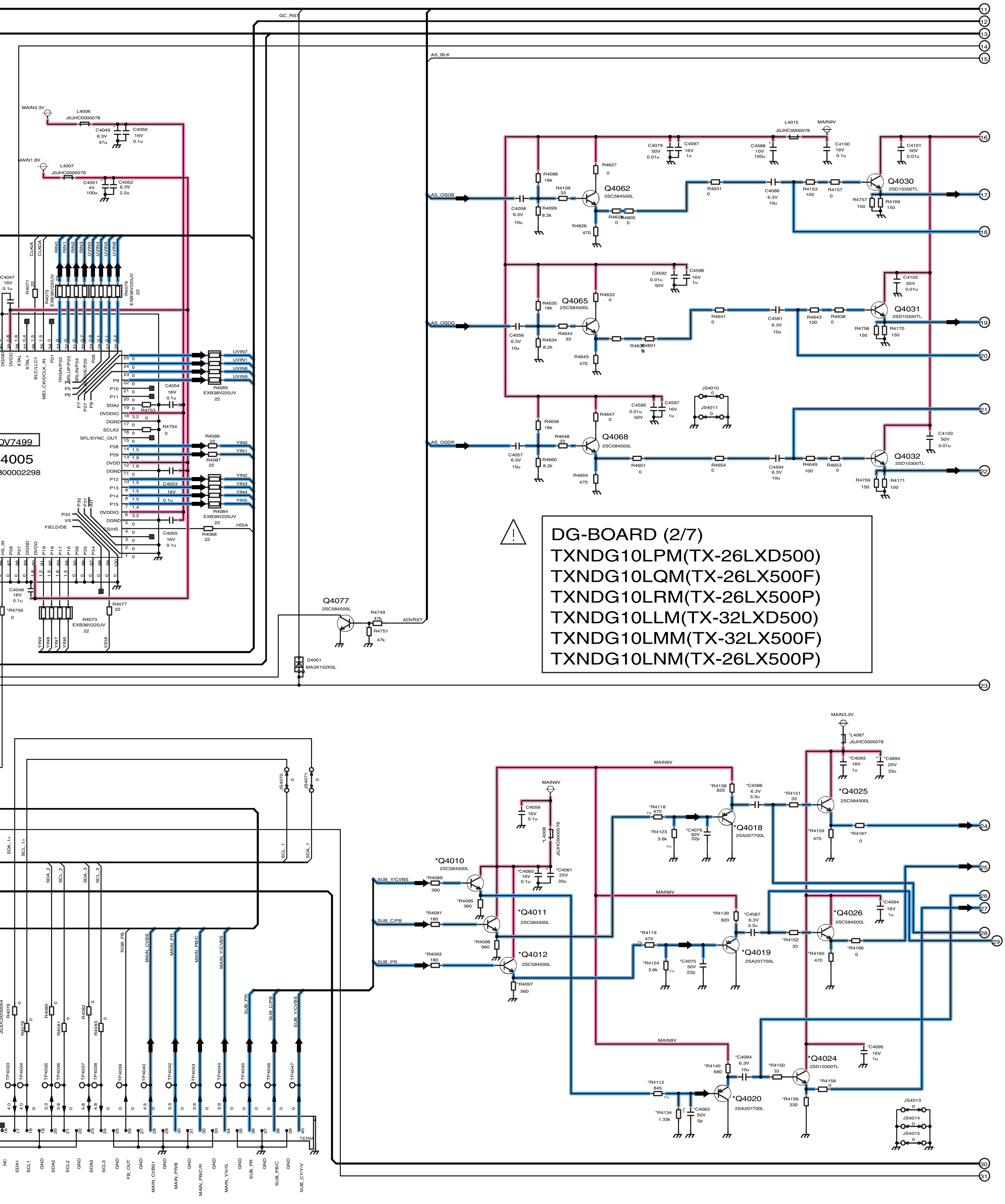
TX-26/32LXD500 TX-26/32LX500F/P DG-Board (1 of 7) Schematic Diagram

11.17. DG-Board (2 of 7) Schematic Diagram


AS_TELETEXT
MAIN5V
L4002
G1C100KA0008
IC4049
C0CBABF00020
AD3.3V
1.8V
IC4041
C0CBCAC00275
TP4147
TP4148
MAIN3.3V
MAIN9V
MAIN1.8V
Q4054
2SC584500L
Q4004
2SA207700L
Q4001
2SA207700L
MAIN_CVBS
RGB_FB
PC_GIN
PC_BIN
PC_RIN
ADV7499
IC4005
C1AB00002298
Q4058
2SC584500L
Q4060
2SC584500L
Q4061
2SC584500L
Q4007
2SA207700L
Q4008
2SA207700L
MAIN_PR
MAIN_PB/C
MAIN_Y/CVBS
YIN
PC_VS
PC_HS
JS4005
JS4006
JS4007
IIC BUS
LXD500 ONLY
DVB_BLUE
DVB_GREEN
DVB_RED
HDMI_R
HDMI_L
PC_GIN
PC_BIN
PC_RIN
PC_HS
PC_VS
DVB_R
DVB_L
DVB_CVBS
JS4001
JS4002
①
②
③
TO H-BOARD (H2)
*DG2
TO H-BOARD (H3)
DG3
MAIN5V
STB3.3V

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (2 of 7) Schematic Diagram

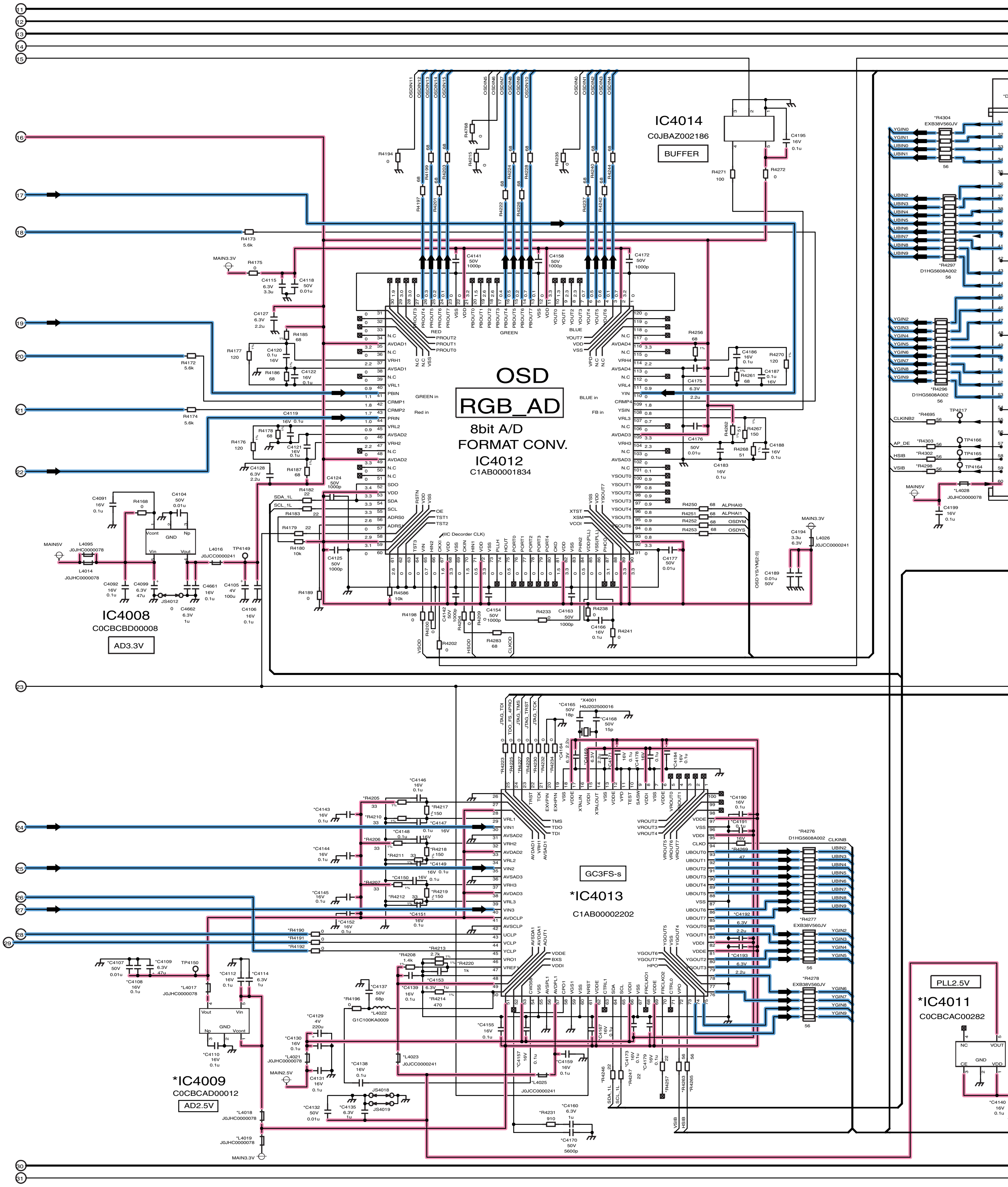
10 11 12 13 14


GC_RST
AS_BLK
AS_OSDB
AS_OSDG
AS_OSDR
ADVRST
MAIN3.3V
MAIN1.8V
MAIN9V
L4006 J0JHC0000078
L4007 J0JHC0000078
L4015 J0JHC0000078
Q4062 2SC584500L
Q4065 2SC584500L
Q4068 2SC584500L
Q4030 2SD10300TL
Q4031 2SD10300TL
Q4032 2SD10300TL
Q4077 2SC584500L
D4001 MA3X152K0L
JS4010
JS4011
R4085 EXB38V220JV
R4084 EXB38V220JV
R4073 EXB38V220JV
UVIN7
UVIN1
UVIN8
UVIN9
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
HSIA
*Q4010 2SC584500L
*Q4011 2SC584500L
*Q4012 2SC584500L
*Q4018 2SA207700L
*Q4019 2SA207700L
*Q4020 2SA207700L
*Q4025 2SC584500L
*Q4026 2SC584500L
*Q4024 2SD10300TL
SUB_Y/CVBS
SUB_C/PB
SUB_PR
JS4070
JS4071
JS4013
JS4014
JS4015
MAIN_CVBS
MAIN_PR
MAIN_PB/C
MAIN_Y/CVBS
RGB_FB
NC
SDA1
SCL1
GND
SDA2
SCL2
SDA3
SCL3
FB_OUT
MAIN_CVBS1
MAIN_PR/B
MAIN_PB/C/R
MAIN_Y/V/G
SUB_PR
SUB_PB/C
SUB_CY/YV
TERM
⑪
⑫
⑬
⑭
⑮
⑯
⑰
⑱
⑲
⑳
㉑
㉒
㉓
㉔
㉕
㉖
㉗
㉘
㉙
㉚
㉛
14
15
16
17
18

DG-BOARD (2/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (2 of 7) Schematic Diagram

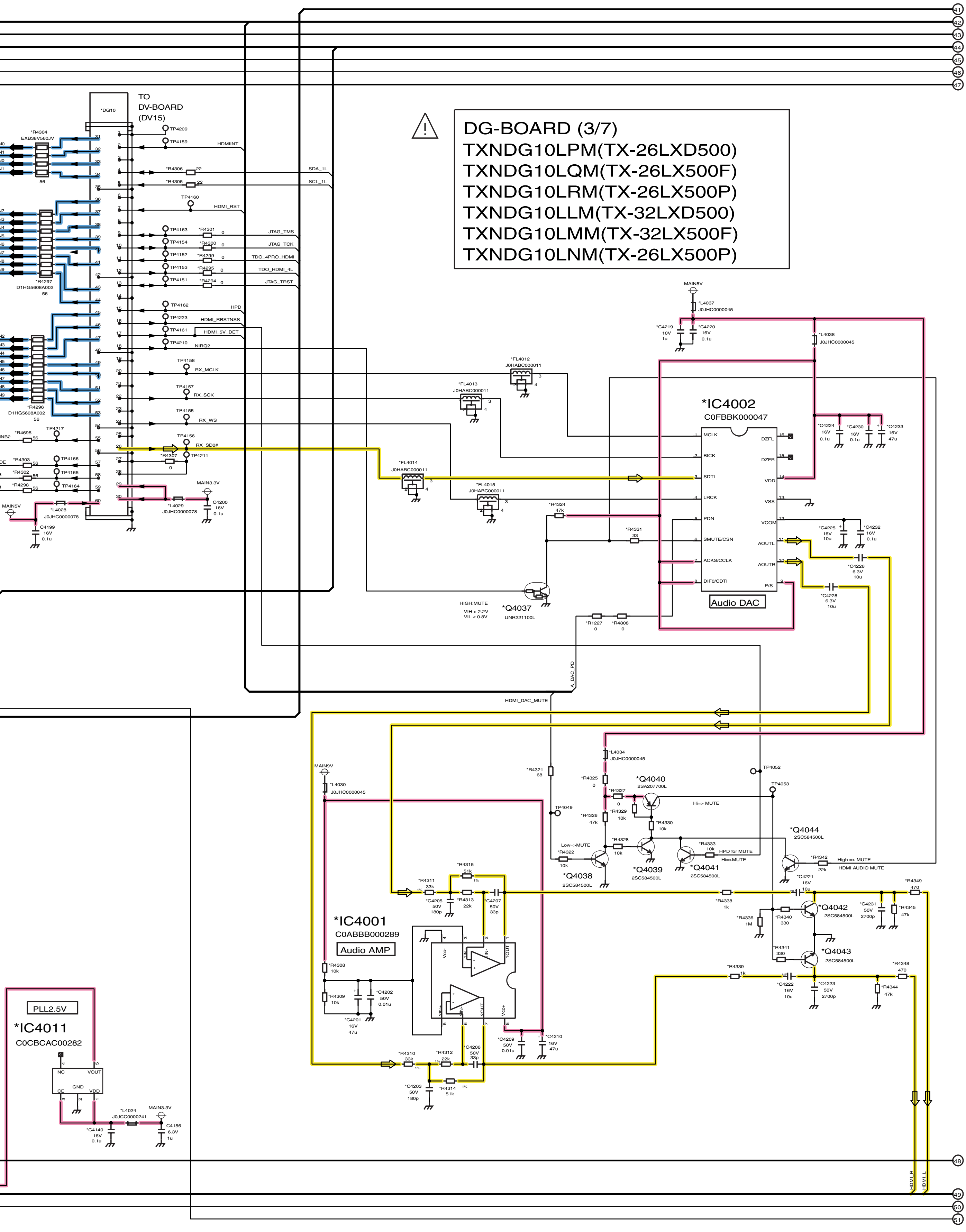
11.18. DG-Board (3 of 7) Schematic Diagram



IC4014
C0JBAZ002186
BUFFER
OSD
RGB_AD
8bit A/D
FORMAT CONV.
IC4012
C1AB00001834
IC4008
C0CBCBD00008
AD3.3V
GC3FS-s
*IC4013
C1AB00002202
*IC4009
C0CBCAD00012
AD2.5V
PLL2.5V
*IC4011
C0CBCAC00282
MAIN3.3V
MAIN5V
MAIN2.5V
OSDIN0
OSDIN1
OSDIN2
OSDIN3
OSDIN4
OSDIN5
OSDIN6
OSDIN7
OSDIN8
OSDIN9
OSDIN10
OSDIN11
OSDIN12
OSDIN13
OSDIN14
OSDIN15
GREEN in
Red in
BLUE in
FB in
ALPHAI0
ALPHAI1
OSDYM
OSDYS
SDA_1L
SCL_1L
(IIC Decorder CLK)
OSD YS/YM[2:0]
VSOO
HSOD
CLKOD
YGIN0
YGIN1
UBIN0
UBIN1
UBIN2
UBIN3
UBIN4
UBIN5
UBIN6
UBIN7
UBIN8
UBIN9
YGIN2
YGIN3
YGIN4
YGIN5
YGIN6
YGIN7
YGIN8
YGIN9
CLKINB2
AP_DE
HSIB
VSIB
CLKINB
TP4217
TP4166
TP4165
TP4164
TP4149
TP4150
JTAG_TDI
TDO_FS_4PRO
JTAG_TMS
JTAG_TRST
JTAG_TCK
*X4001
H0J202500016
JS4012
JS4018
JS4019
L4095
L4014
L4016
L4026
L4028
L4017
L4018
L4019
L4021
L4022
L4023
L4025
EXB38V560JV
D1HG5608A002

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (3 of 7) Schematic Diagram

19 20 21 22 23


DG-BOARD (3/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)
TO DV-BOARD (DV15)
*DG10
HDMIINT
SDA_1L
SCL_1L
HDMI_RST
JTAG_TMS
JTAG_TCK
TDO_4PRO_HDMI
TDO_HDMI_4L
JTAG_TRST
HPD
HDMI_RBSTNSS
HDMI_5V_DET
NIRQ2
RX_MCLK
RX_SCK
RX_WS
RX_SD0#
MAIN3.3V
MAIN5V
MAIN9V
*IC4002
C0FBBK000047
Audio DAC
MCLK
BICK
SDTI
LRCK
PDN
SMUTE/CSN
ACKS/CCLK
DIF0/CDTI
DZFL
DZFR
VDD
VSS
VCOM
AOUTL
AOUTR
P/S
*Q4037
UNR221100L
HIGH:MUTE
VIH > 2.2V
VIL < 0.8V
A_DAC_PD
HDMI_DAC_MUTE
*IC4001
C0ABBB000289
Audio AMP
*Q4040
2SA2077000L
*Q4038
*Q4039
*Q4041
*Q4042
*Q4043
*Q4044
2SC584500L
Hi=> MUTE
Low=>MUTE
HPD for MUTE
High => MUTE
HDMI AUDIO MUTE
PLL2.5V
*IC4011
C0CBCAC00282
HDMI_R
HDMI_L
41
42
43
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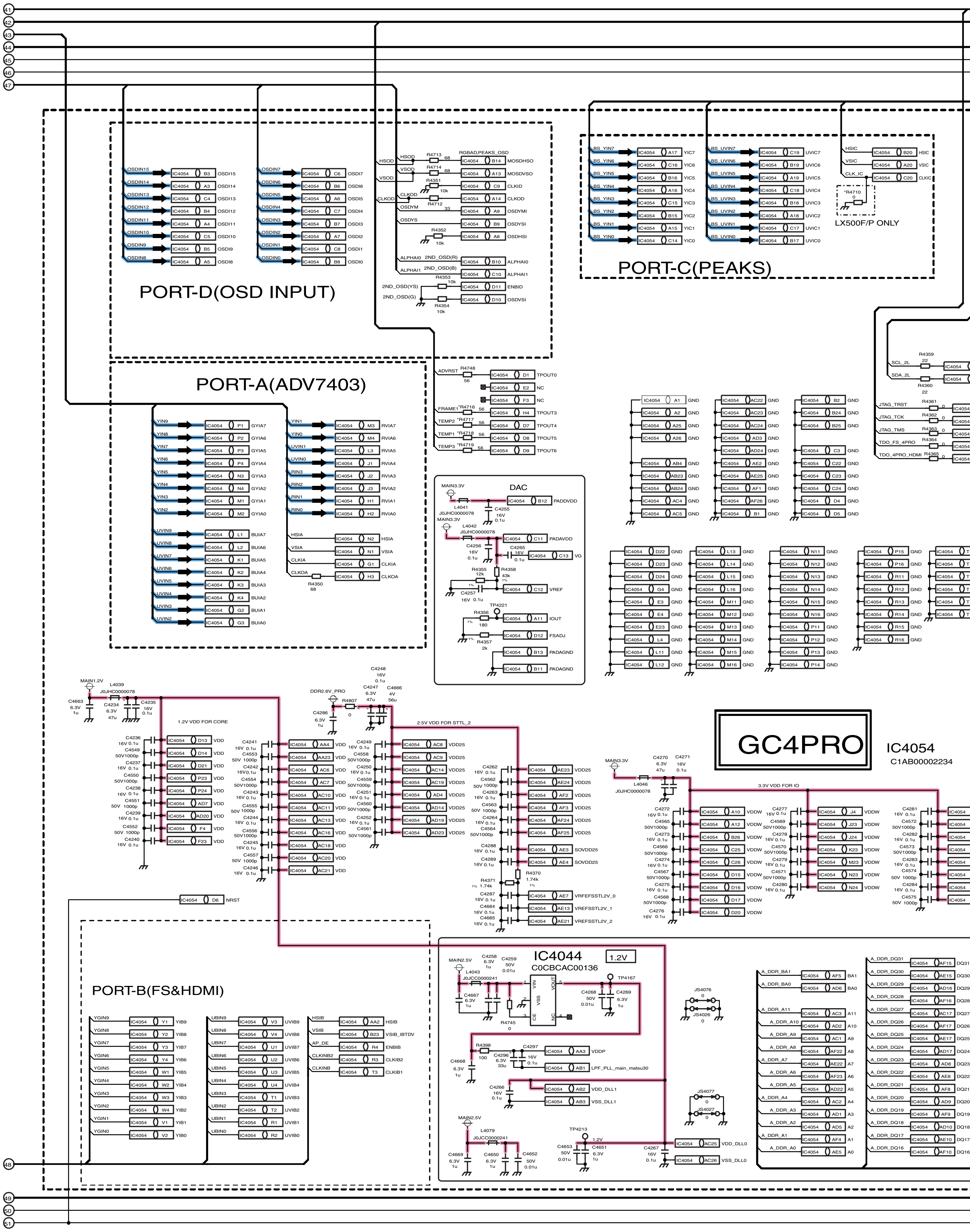
TX-26/32LXD500 TX-26/32LX500F/P DG-Board (3 of 7) Schematic Diagram

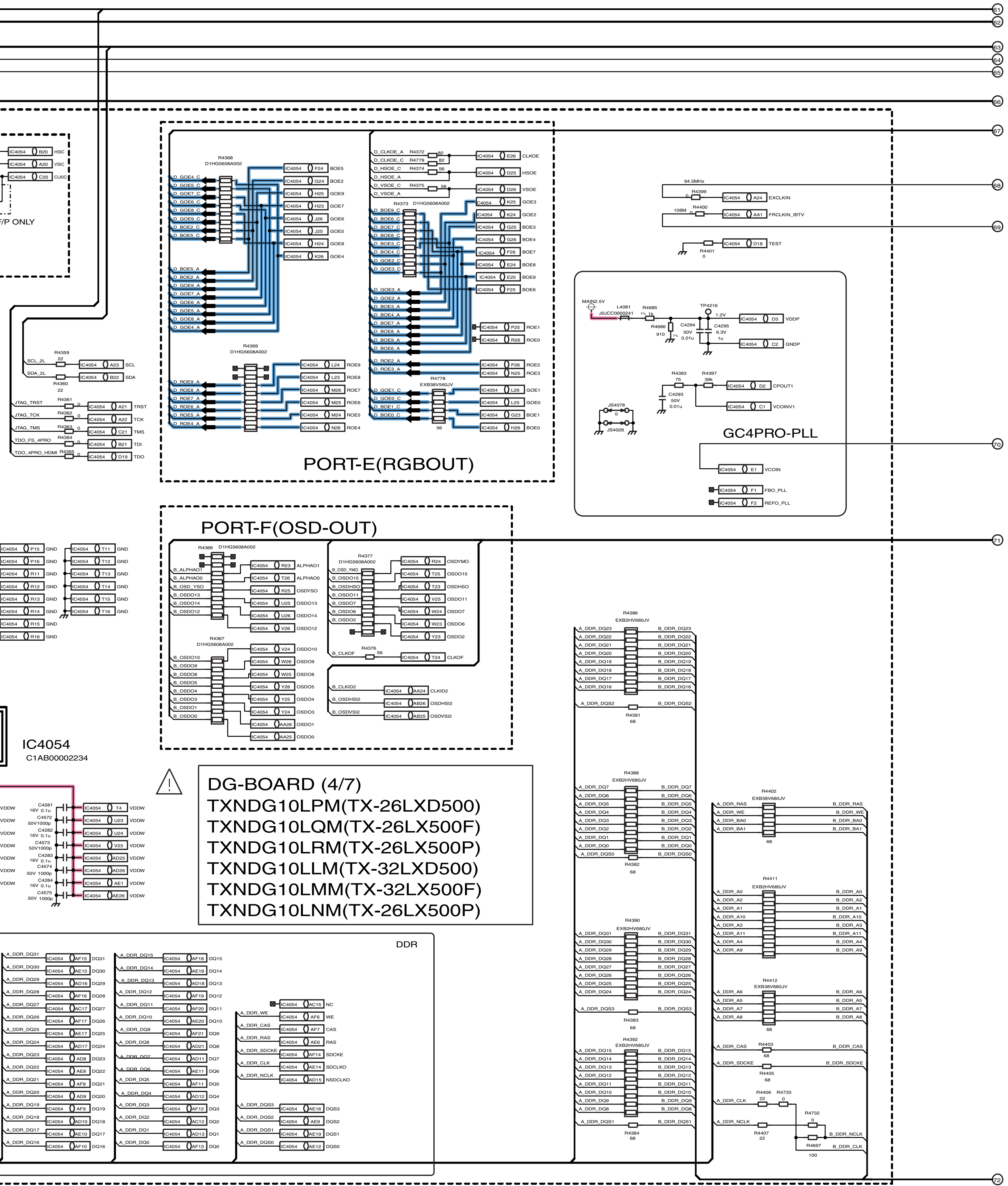
23 24 25 26 27

11.19. DG-Board (4 of 7) Schematic Diagram


PORT-D(OSD INPUT)
PORT-C(PEAKS)
LX500F/P ONLY
PORT-A(ADV7403)
DAC
GC4PRO
IC4054
C1AB00002234
1.2V VDD FOR CORE
2.5V VDD FOR STTL_2
3.3V VDD FOR IO
PORT-B(FS&HDMI)
IC4044
C0CBCAC00136
1.2V
MAIN1.2V
MAIN2.5V
MAIN3.3V
DDR2.6V_PRO
NRST

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (4 of 7) Schematic Diagram

28 29 30 31 32



PORT-E(RGBOUT)
PORT-F(OSD-OUT)
GC4PRO-PLL
DDR
IC4054
C1AB00002234
F/P ONLY
DG-BOARD (4/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)
61
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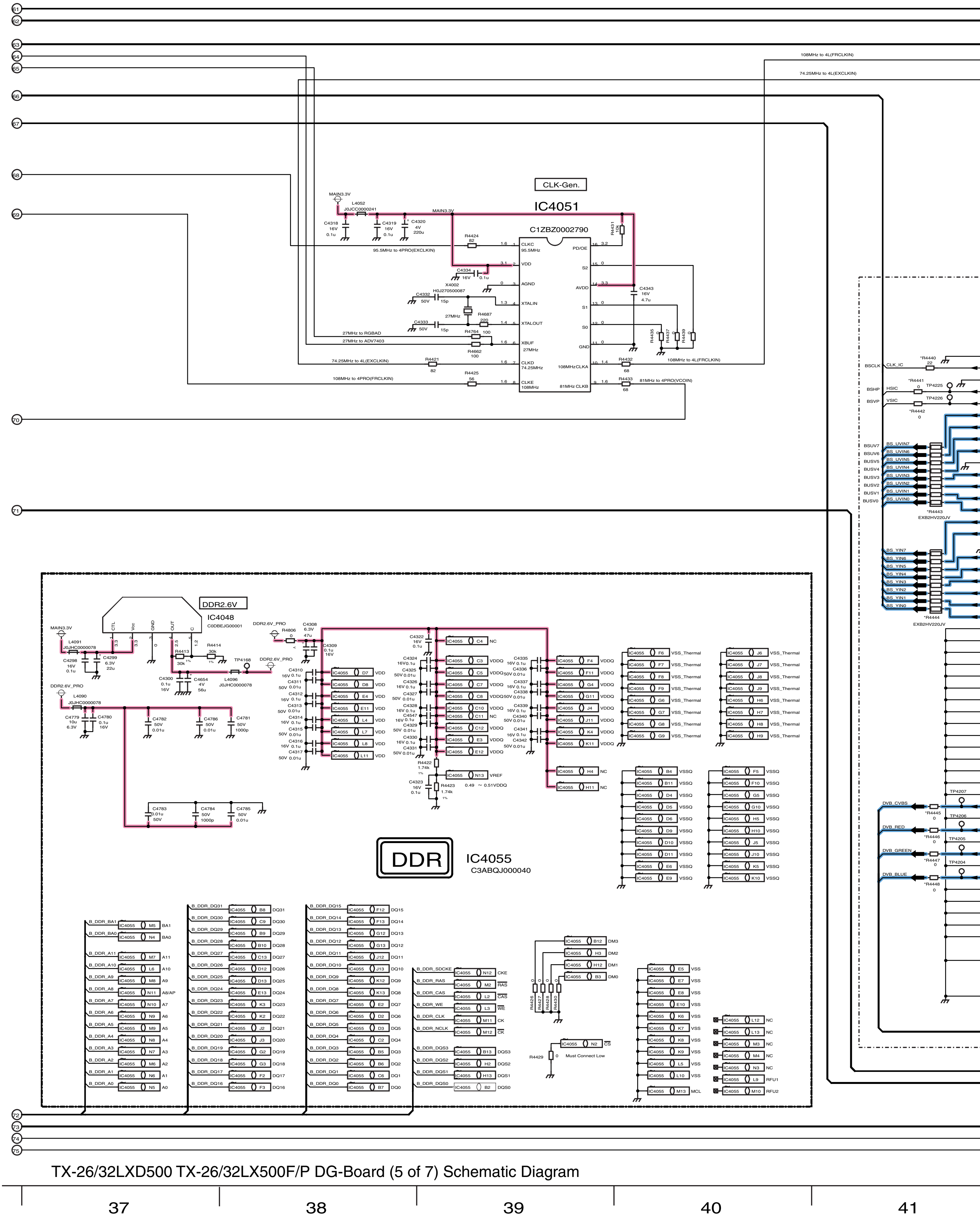
72
73
74
75

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (4 of 7) Schematic Diagram

32	33	34	35	36

11.20. DG-Board (5 of 7) Schematic Diagram


CLK-Gen.
IC4051
C1ZBZ0002790
MAIN3.3V
L4052
J0JCC0000241
C4318 16V 0.1u
C4319 16V 0.1u
C4320 4V 220u
R4424 82
95.5MHz to 4PRO(EXCLKIN)
CLKC 95.5MHz
VDD
AGND
XTALIN
XTALOUT
XBUF 27MHz
CLKD 74.25MHz
CLKE 108MHz
PD/OE
S2
AVDD
S1
S0
GND
108MHzCLKA
81MHz CLKB
C4334 16V 0.1u
C4332 50V 15p
C4333 50V 15p
X4002 H0J270500087
27MHz
R4687 220
R4764 100
R4662 100
R4421 82
R4425 56
R4431 10k
C4343 16V 4.7u
R4435
R4437
R4439
R4432 68
R4433 68
27MHz to RGBAD
27MHz to ADV7403
74.25MHz to 4L(EXCLKIN)
108MHz to 4PRO(FRCLKIN)
108MHz to 4L(FRCLKIN)
81MHz to 4PRO(VCOIN)
74.25MHz to 4L(EXCLKIN)
BSCLK
CLK_IC
*R4440 22
BSHP
HSIC
*R4441 0
TP4225
TP4226
BSVP
VSIC
*R4442 0
BSUV7
BSUV6
BSUV5
BSUV4
BSUV3
BSUV2
BSUV1
BSUV0
BS_UVIN7
BS_UVIN6
BS_UVIN5
BS_UVIN4
BS_UVIN3
BS_UVIN2
BS_UVIN1
BS_UVIN0
*R4443 EXB2HV220JV
BS_YIN7
BS_YIN6
BS_YIN5
BS_YIN4
BS_YIN3
BS_YIN2
BS_YIN1
BS_YIN0
*R4444 EXB2HV220JV
DVB_CVBS
*R4445 0
TP4207
DVB_RED
*R4446 0
TP4206
DVB_GREEN
*R4447 0
TP4205
DVB_BLUE
*R4448 0
TP4204
DDR2.6V
IC4048
C0DBEJG00001
CTL
Vcc
GND
OUT
C
MAIN3.3V
L4091 J0JHC0000078
C4298 16V 0.1u
C4299 6.3V 22u
R4413 30k
R4414 30k
TP4168
DDR2.6V_PRO
R4806 0
C4308 6.3V 47u
C4309 0.1u 16V
C4300 0.1u 16V
C4654 4V 56u
L4096 J0JHC0000078
DDR2.6V_PRO
L4090 J0JHC0000078
C4779 10u 6.3V
C4780 0.1u 16V
C4782 50V 0.01u
C4786 50V 0.01u
C4781 50V 1000p
C4783 0.01u 50V
C4784 50V 1000p
C4785 50V 0.01u
C4322 16V 0.1u
R4422 1.74k
C4323 16V 0.1u
R4423 1.74k
0.49 ~ 0.51VDDQ
VREF
DDR
IC4055
C3ABQJ000040
VDD
VDDQ
VSSQ
VSS
VSS_Thermal
NC
MCL
RFU1
RFU2
B_DDR_BA1
B_DDR_BA0
B_DDR_A11
B_DDR_A10
B_DDR_A9
B_DDR_A8
B_DDR_A7
B_DDR_A6
B_DDR_A5
B_DDR_A4
B_DDR_A3
B_DDR_A2
B_DDR_A1
B_DDR_A0
BA1
BA0
A11
A10
A9
A8/AP
A7
A6
A5
A4
A3
A2
A1
A0
B_DDR_DQ31 … B_DDR_DQ0
DQ31 … DQ0
B_DDR_SDCKE
B_DDR_RAS
B_DDR_CAS
B_DDR_WE
B_DDR_CLK
B_DDR_NCLK
CKE
RAS
CAS
WE
CK
CK
B_DDR_DQS3
B_DDR_DQS2
B_DDR_DQS1
B_DDR_DQS0
DQS3
DQS2
DQS1
DQS0
DM3
DM2
DM1
DM0
R4426
R4427
R4428
R4430
R4429 0
CS
Must Connect Low
61
62
63
64
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66
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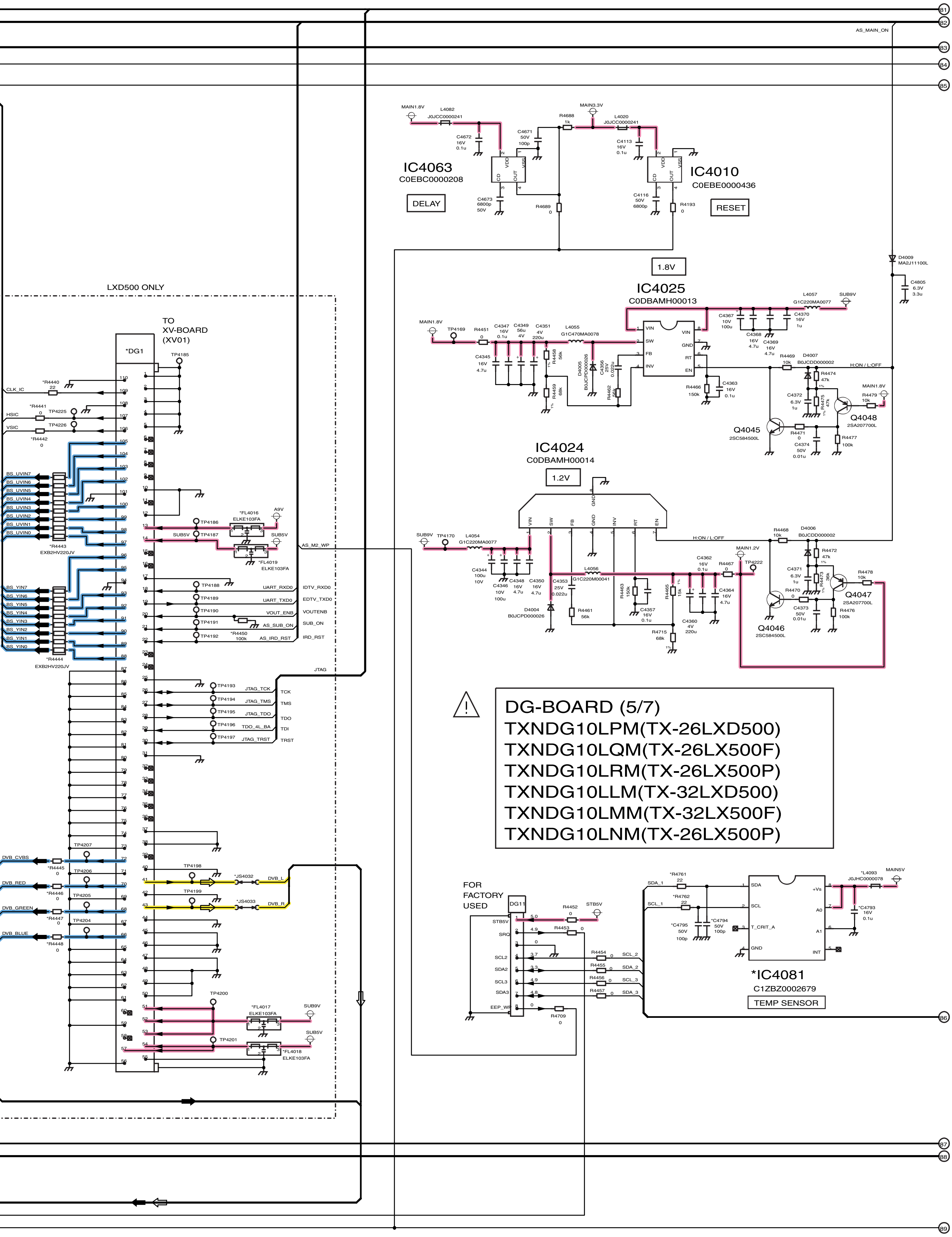
40
41

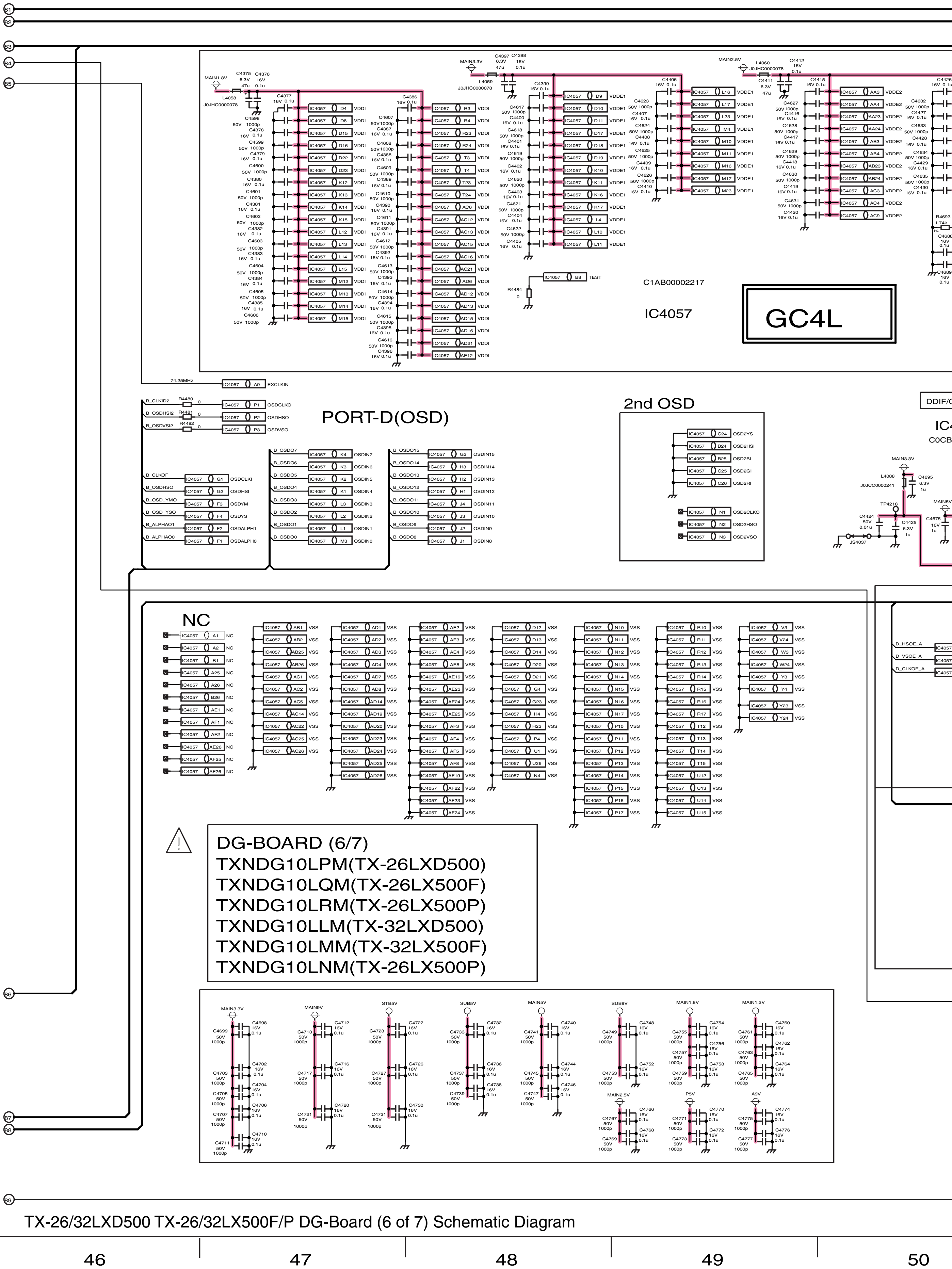
TX-26/32LXD500 TX-26/32LX500F/P DG-Board (5 of 7) Schematic Diagram


IC4063
C0EBC0000208
DELAY
IC4010
C0EBE0000436
RESET
IC4025
C0DBAMH00013
1.8V
IC4024
C0DBAMH00014
1.2V
Q4045
2SC584500L
Q4048
2SA207700L
Q4046
2SC584500L
Q4047
2SA207700L
*IC4081
C1ZBZ0002679
TEMP SENSOR
LXD500 ONLY
TO
XV-BOARD
(XV01)
*DG1
FOR
FACTORY
USED
DG11
MAIN1.8V
MAIN3.3V
MAIN1.2V
MAIN5V
SUB9V
SUB5V
STB5V
A9V
AS_MAIN_ON
H:ON / L:OFF
AS_M2_WP
CLK_IC
HSIC
VSIC
BS_UVIN7
BS_UVIN6
BS_UVIN5
BS_UVIN4
BS_UVIN3
BS_UVIN2
BS_UVIN1
BS_UVIN0
BS_YIN7
BS_YIN6
BS_YIN5
BS_YIN4
BS_YIN3
BS_YIN2
BS_YIN1
BS_YIN0
UART_RXD0
UART_TXD0
VOUT_ENB
AS_SUB_ON
AS_IRD_RST
IDTV_RXD0
EDTV_TXD0
VOUTENB
SUB_ON
IRD_RST
JTAG
JTAG_TCK
JTAG_TMS
JTAG_TDO
TDO_4L_BA
JTAG_TRST
TCK
TMS
TDO
TDI
TRST
DVB_CVBS
DVB_RED
DVB_GREEN
DVB_BLUE
DVB_L
DVB_R
SDA_1
SCL_1
SCL_2
SDA_2
SCL_3
SDA_3
EEP_WP
SRQ
81
82
83
84
85
86
87
88
89

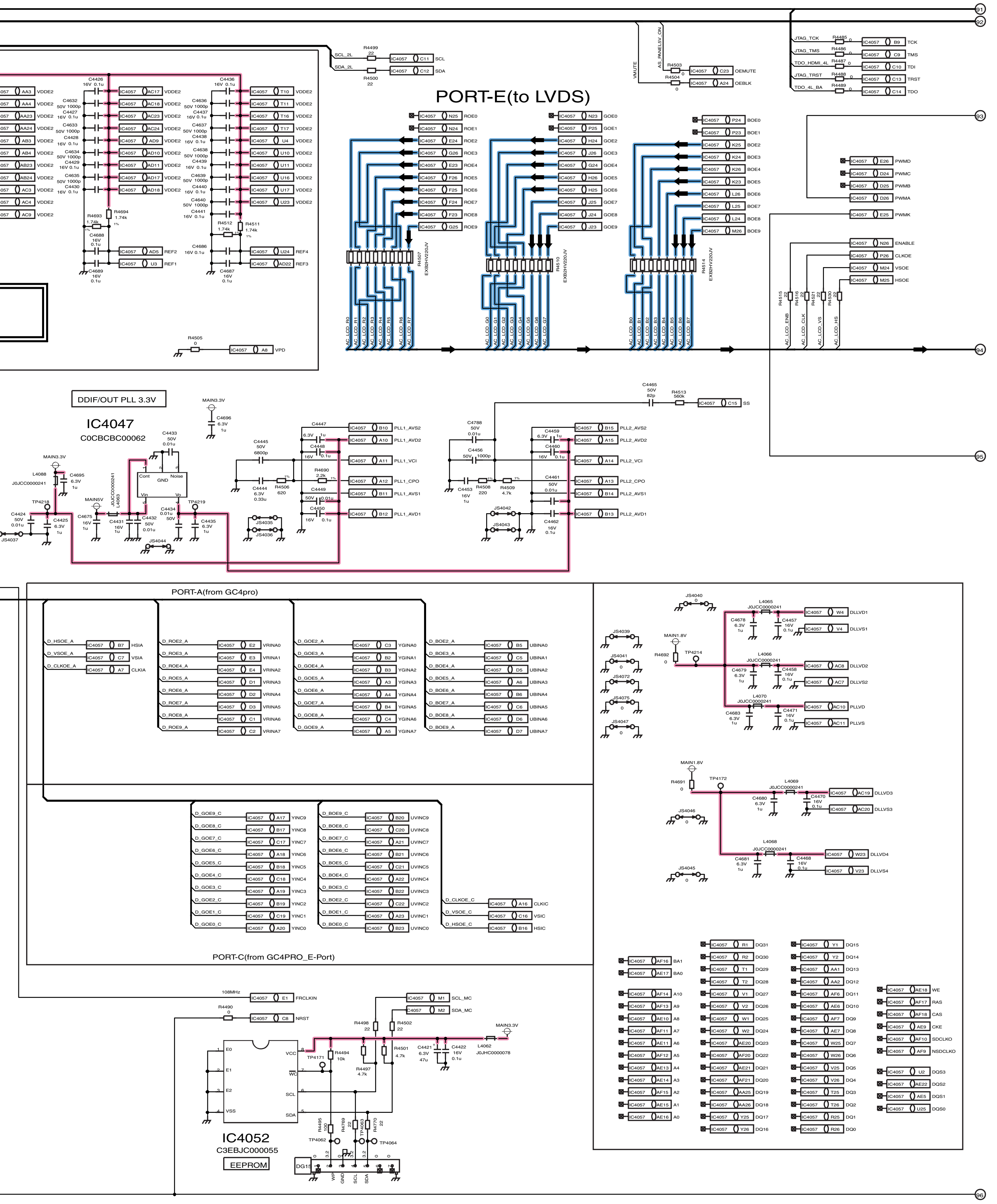
DG-BOARD (5/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (5 of 7) Schematic Diagram

11.21. DG-Board (6 of 7) Schematic Diagram


GC4L
IC4057
C1AB00002217
PORT-D(OSD)
2nd OSD
NC
DG-BOARD (6/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)
MAIN1.8V
MAIN3.3V
MAIN2.5V
MAIN9V
STB5V
SUB5V
MAIN5V
SUB9V
MAIN1.2V
P5V
A9V
VDDI
VDDE1
VDDE2
VSS
TEST
EXCLKIN
74.25MHz
DDIF/C
46
47
48
49
50

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (6 of 7) Schematic Diagram


PORT-E(to LVDS)
DDIF/OUT PLL 3.3V
IC4047
C0CBCBC00062
PORT-A(from GC4pro)
PORT-C(from GC4PRO_E-Port)
IC4052
C3EBJC000055
EEPROM
MAIN3.3V
MAIN5V
MAIN1.8V
108MHz
FRCLKIN
NRST
SCL_MC
SDA_MC
SCL_2L
SDA_2L
VMUTE
AS_PANEL5V_ON
OEMUTE
OEBLK
JTAG_TCK
JTAG_TMS
TDO_HDMI_4L
JTAG_TRST
TDO_4L_BA
TCK
TMS
TDI
TRST
TDO
PWMD
PWMC
PWMB
PWMA
PWMK
ENABLE
CLKOE
VSOE
HSOE
AC_LCD_ENB
AC_LCD_CLK
AC_LCD_VS
AC_LCD_HS
R4507 EXB2HV220JV
R4510 EXB2HV220JV
R4514 EXB2HV220JV
PLL1_AVS2
PLL1_AVD2
PLL1_VCI
PLL1_CPO
PLL1_AVS1
PLL1_AVD1
PLL2_AVS2
PLL2_AVD2
PLL2_VCI
PLL2_CPO
PLL2_AVS1
PLL2_AVD1
DLLVD1
DLLVS1
DLLVD2
DLLVS2
PLLVD
PLLVS
DLLVD3
DLLVS3
DLLVD4
DLLVS4
VDDE2
REF2
REF1
REF4
REF3
VPD
SS
DG15
WP
GND
SCL
SDA
91
92
93
94
95
96
50
51
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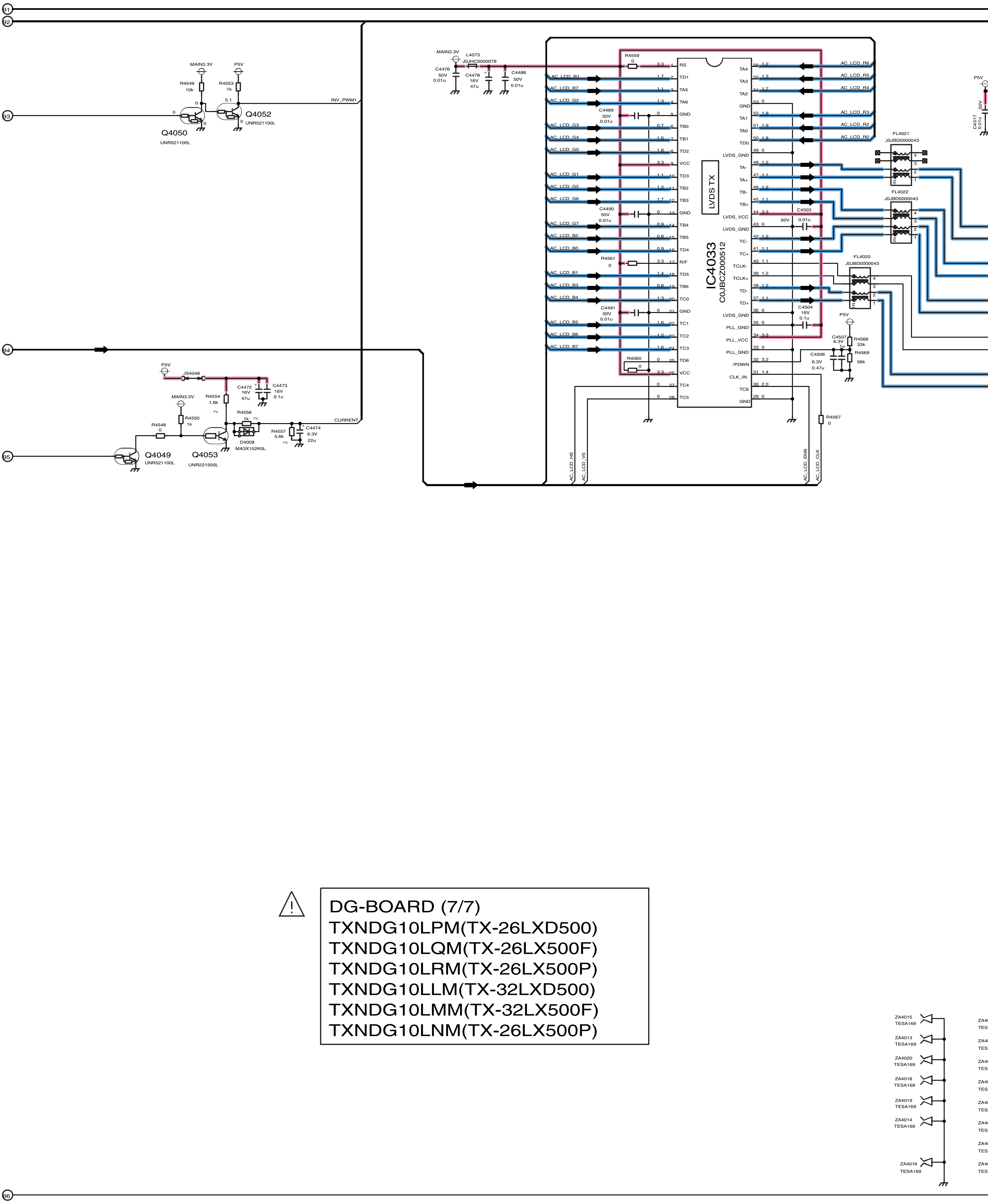
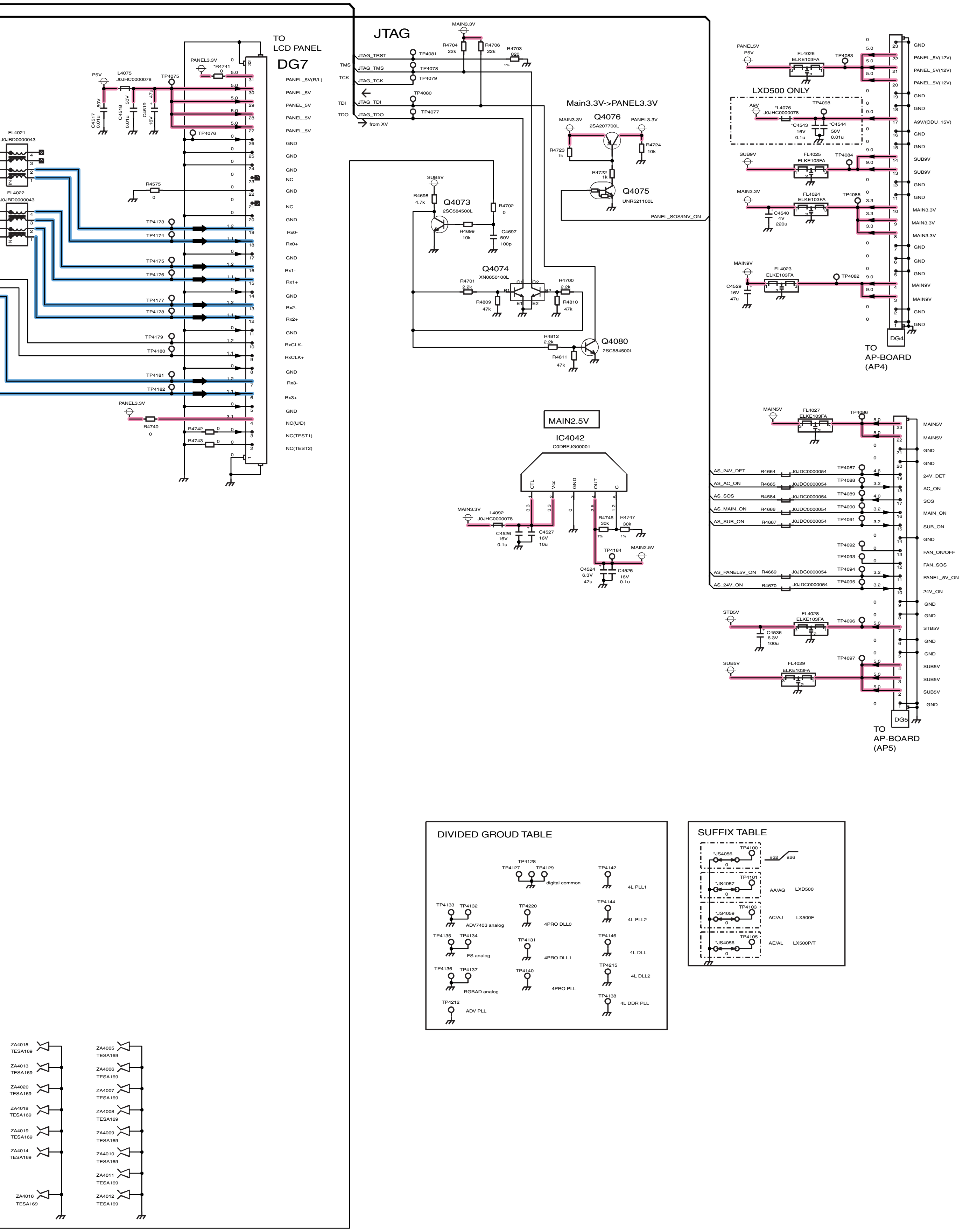
53
54

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (6 of 7) Schematic Diagram

11.22. DG-Board (7 of 7) Schematic Diagram

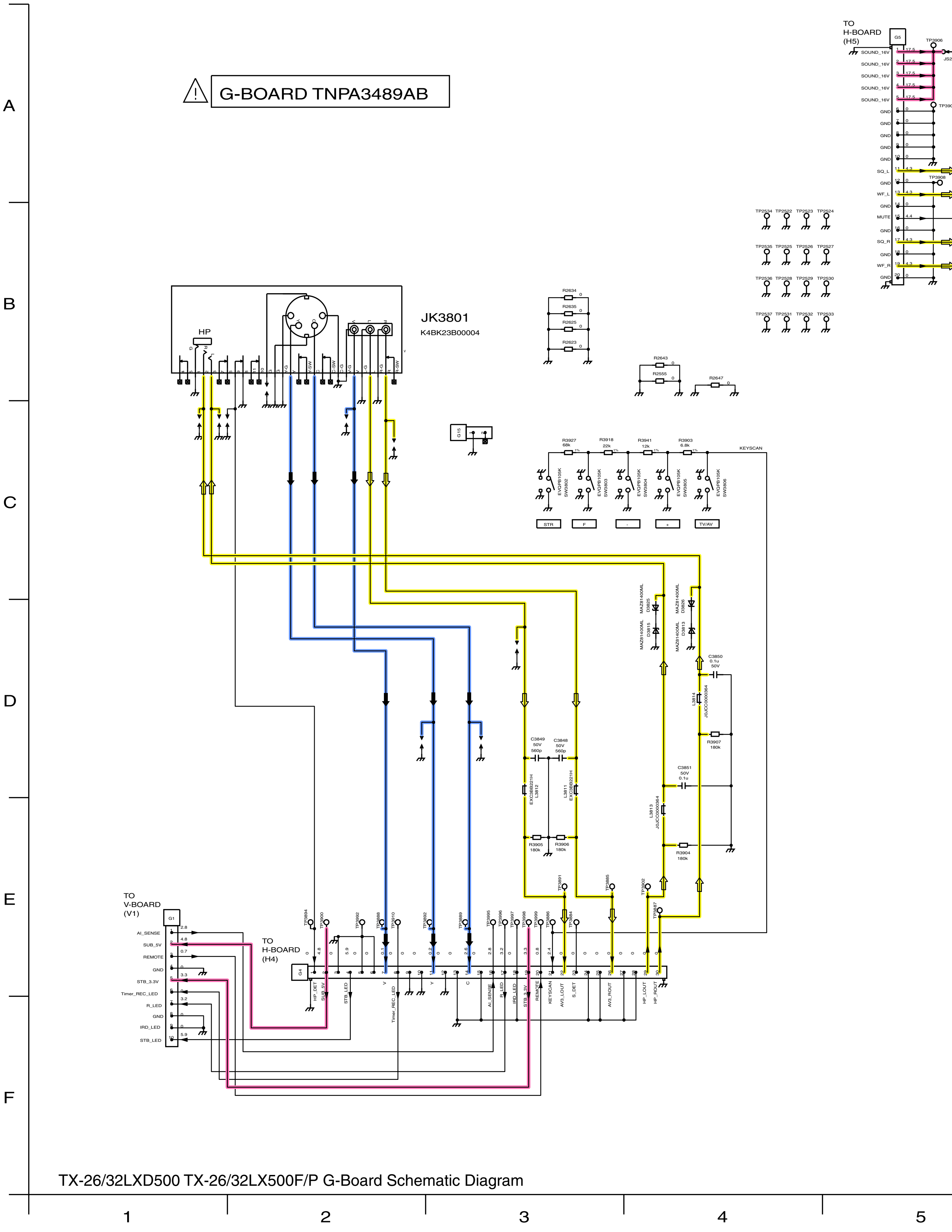

IC4033
C0JBCZ000512
LVDS TX
Q4050
UNR521100L
Q4052
UNR521100L
Q4049
UNR521100L
Q4053
UNR221500L
D4008
MA3X152K0L
MAIN3.3V
P5V
INV_PWM1
CURRENT
L4073
J0JHC0000078
FL4020
FL4021
FL4022
J0JBD0000043
AC_LCD_HS
AC_LCD_VS
AC_LCD_ENB
AC_LCD_CLK
ZA4015
ZA4013
ZA4020
ZA4018
ZA4019
ZA4014
ZA4016
TESA169

DG-BOARD (7/7)
TXNDG10LPM(TX-26LXD500)
TXNDG10LQM(TX-26LX500F)
TXNDG10LRM(TX-26LX500P)
TXNDG10LLM(TX-32LXD500)
TXNDG10LMM(TX-32LX500F)
TXNDG10LNM(TX-26LX500P)

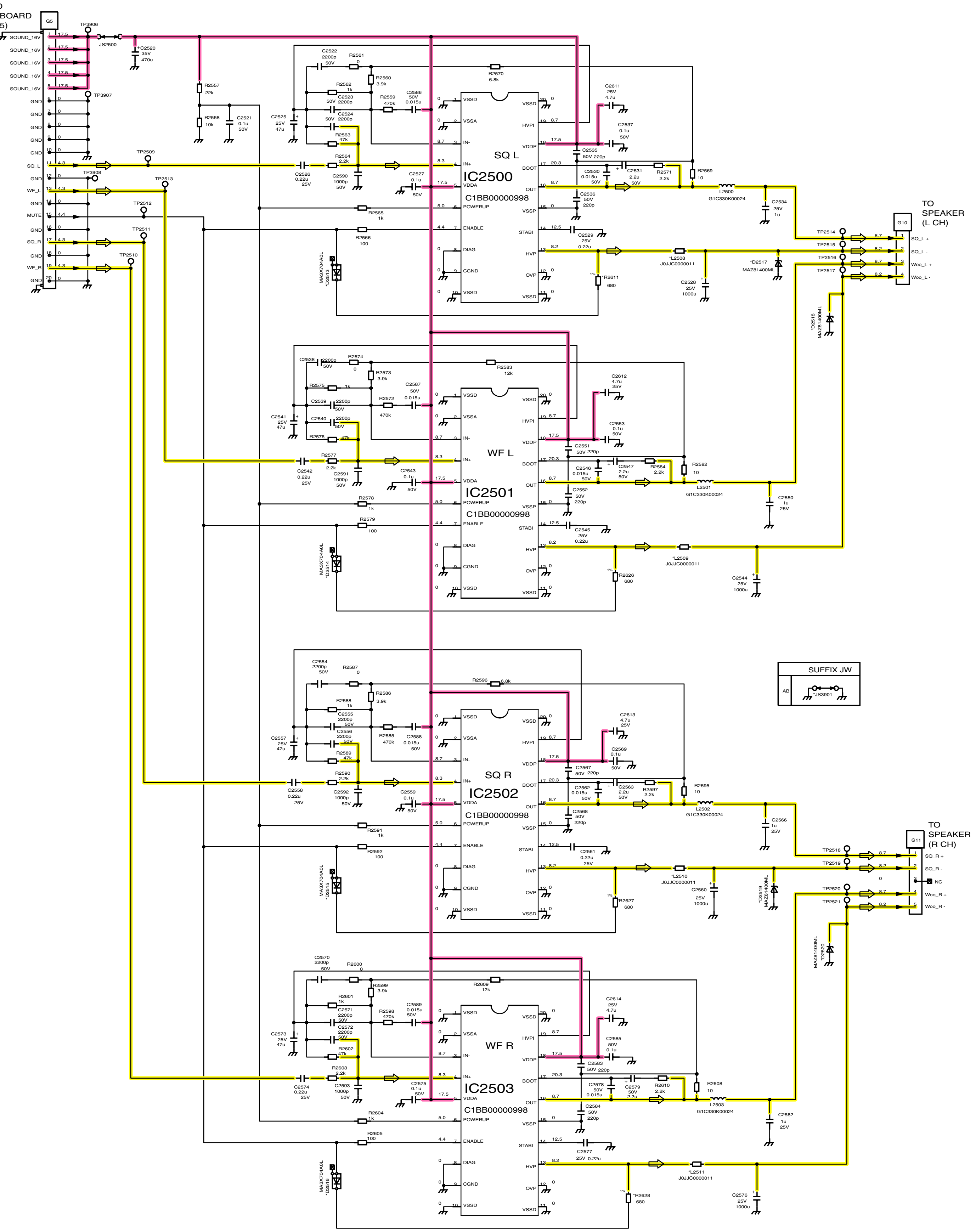

JTAG
TO LCD PANEL
DG7
PANEL_5V(R/L)
PANEL_5V
GND
NC
Rx0-
Rx0+
Rx1-
Rx1+
Rx2-
Rx2+
RxCLK-
RxCLK+
Rx3-
Rx3+
NC(U/D)
NC(TEST1)
NC(TEST2)
JTAG_TRST
JTAG_TMS
JTAG_TCK
JTAG_TDI
JTAG_TDO
from XV
Main3.3V->PANEL3.3V
Q4076
2SA207700L
Q4075
UNR521100L
Q4073
2SC584500L
Q4074
XN0650100L
Q4080
2SC584500L
PANEL_SOS/INV_ON
MAIN2.5V
IC4042
C0DBEJG00001
CTL
Vcc
GND
OUT
C
LXD500 ONLY
TO AP-BOARD (AP4)
DG4
GND
PANEL_5V(12V)
A9V/(ODU_15V)
SUB9V
MAIN3.3V
MAIN9V
TO AP-BOARD (AP5)
DG5
MAIN5V
24V_DET
AC_ON
SOS
MAIN_ON
SUB_ON
FAN_ON/OFF
FAN_SOS
PANEL_5V_ON
24V_ON
STB5V
SUB5V
AS_24V_DET
AS_AC_ON
AS_SOS
AS_MAIN_ON
AS_SUB_ON
AS_PANEL5V_ON
AS_24V_ON
ELKE103FA
DIVIDED GROUD TABLE
digital common
ADV7403 analog
FS analog
RGBAD analog
ADV PLL
4PRO DLL0
4PRO DLL1
4PRO PLL
4L PLL1
4L PLL2
4L DLL
4L DLL2
4L DDR PLL
SUFFIX TABLE
#32
#26
AA/AG
LXD500
AC/AJ
LX500F
AE/AL
LX500P/T
TESA169

TX-26/32LXD500 TX-26/32LX500F/P DG-Board (7 of 7) Schematic Diagram

11.23. G-Board Schematic Diagram


G-BOARD TNPA3489AB
JK3801
K4BK23B00004
HP
TO H-BOARD (H5)
G5
SOUND_16V
GND
SQ_L
WF_L
MUTE
SQ_R
WF_R
TO V-BOARD (V1)
G1
AI_SENSE
SUB_5V
REMOTE
GND
STB_3.3V
Timer_REC_LED
R_LED
IRD_LED
STB_LED
TO H-BOARD (H4)
G4
G15
KEYSCAN
STR
F
-
+
TV/AV
R2634
R2635
R2625
R2623
R2643
R2555
R2647
R3927 68k
R3918 22k
R3941 12k
R3903 6.8k
SW3802
SW3803
SW3804
SW3805
SW3806
EVQPB105K
D3825
D3815
D3826
D3813
MAZ8140OML
C3850 0.1u 50V
L3814
J0JCC0000364
R3907 180k
C3849 50V 560p
C3848 50V 560p
L3812
L3811
EXCBB221H
C3851 50V 0.1u
L3813
R3905 180k
R3906 180k
R3904 180k
HP_DET
SUB_5V
STB_LED
V
Timer_REC_LED
Y
C
AI_SENSE
R_LED
IRD_LED
STB_3.3V
REMOTE
KEYSCAN
AV3_LOUT
S_DET
AV3_ROUT
HP_LOUT
HP_ROUT
A
B
C
D
E
F
1
2
3
4
5

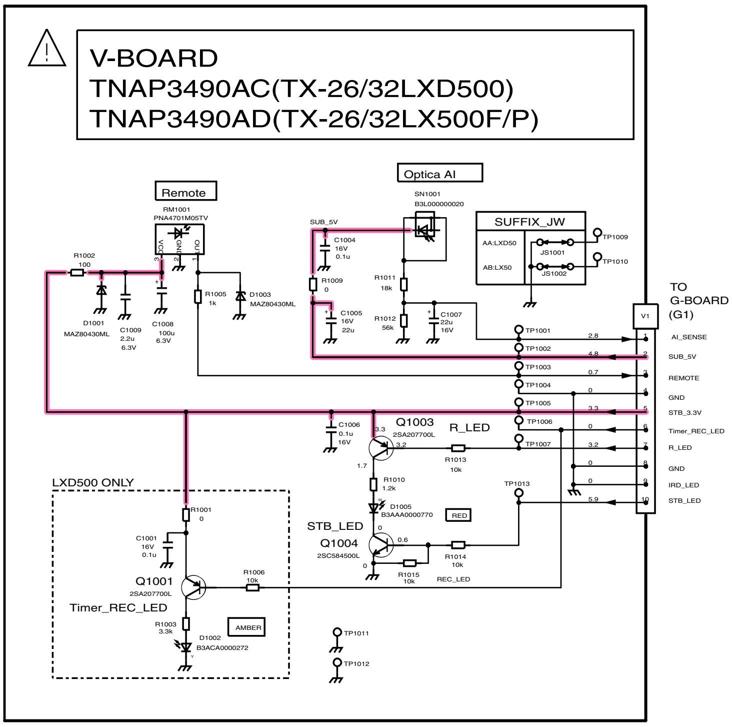
TX-26/32LXD500 TX-26/32LX500F/P G-Board Schematic Diagram

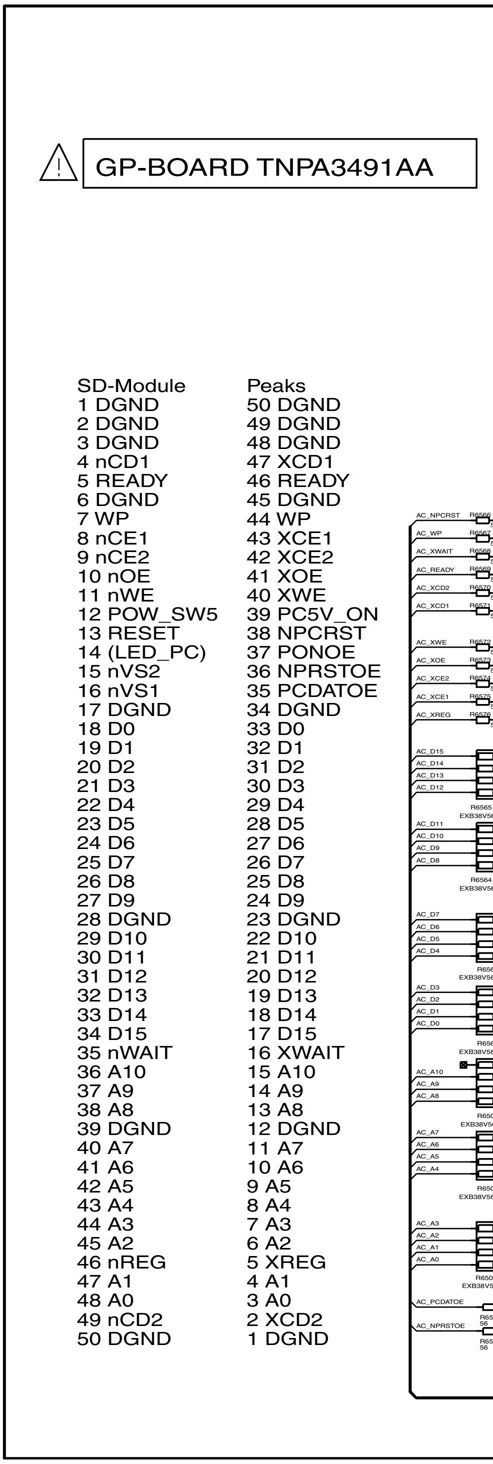

BOARD
G5
SOUND_16V
GND
SQ_L
WF_L
MUTE
SQ_R
WF_R
TP3906
JS2500
C2520 35V 470u
TP3907
TP3908
TP2509
TP2513
TP2512
TP2511
TP2510
R2557 22k
R2558 10k
C2521 0.1u 50V
SQ L
IC2500
C1BB00000998
WF L
IC2501
C1BB00000998
SQ R
IC2502
C1BB00000998
WF R
IC2503
C1BB00000998
VSSD
VSSA
IN-
IN+
VDDA
POWERUP
ENABLE
DIAG
CGND
HVPI
VDDP
BOOT
OUT
VSSP
STABI
HVP
OVP
L2500 G1C330K00024
L2501 G1C330K00024
L2502 G1C330K00024
L2503 G1C330K00024
*L2508 J0JJC0000011
*L2509 J0JJC0000011
*L2510 J0JJC0000011
*L2511 J0JJC0000011
*D2517 MAZ81400ML
*D2518 MAZ81400ML
*D2519 MAZ81400ML
*D2520 MAZ81400ML
MA3X704A0L *D2513
MA3X704A0L *D2514
MA3X704A0L *D2515
MA3X704A0L *D2516
TO SPEAKER (L CH)
G10
SQ_L +
SQ_L -
Woo_L +
Woo_L -
TP2514
TP2515
TP2516
TP2517
TO SPEAKER (R CH)
G11
SQ_R +
SQ_R -
NC
Woo_R +
Woo_R -
TP2518
TP2519
TP2520
TP2521
SUFFIX JW
AB
*JS3901

TX-26/32LXD500 TX-26/32LX500F/P G-Board Schematic Diagram

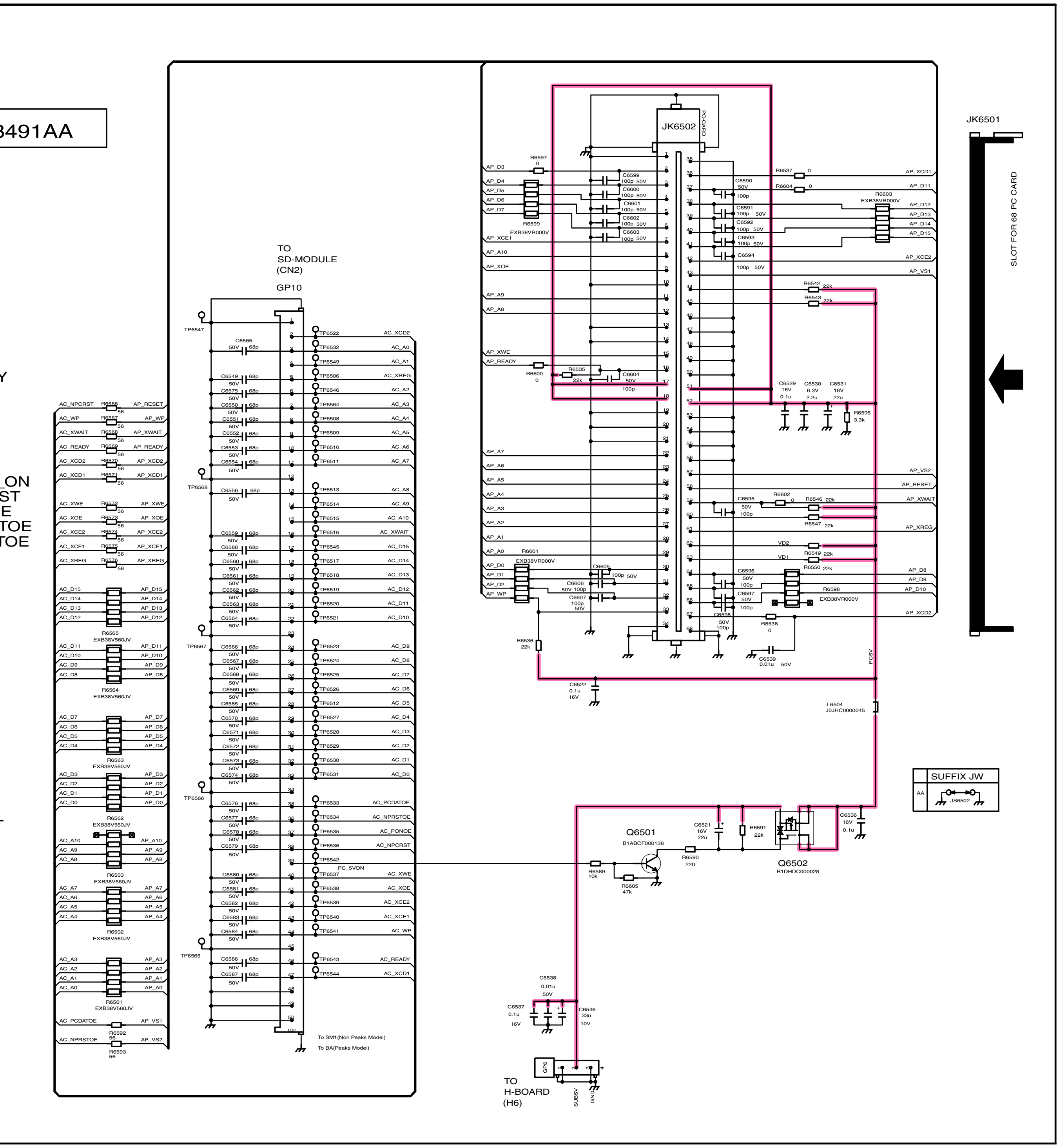
5 6 7 8 9

11.24. GP and V-Board Schematic Diagram


V-BOARD
TNAP3490AC(TX-26/32LXD500)
TNAP3490AD(TX-26/32LX500F/P)
Remote
RM1001
PNA4701M05TV
VCC
GND
OUT
R1002
100
D1001
MAZ80430ML
C1009
2.2u
6.3V
C1008
100u
6.3V
R1005
1k
D1003
MAZ80430ML
Optica AI
SN1001
B3L000000020
SUB_5V
C1004
16V
0.1u
R1009
0
C1005
16V
22u
R1011
18k
R1012
56k
C1007
22u
16V
SUFFIX_JW
AA:LXD50
AB:LX50
JS1001
JS1002
TP1009
TP1010
TO
G-BOARD
(G1)
V1
TP1001
TP1002
TP1003
TP1004
TP1005
TP1006
TP1007
TP1013
2.8
4.8
0.7
0
3.3
0
3.2
0
0
5.9
AI_SENSE
SUB_5V
REMOTE
GND
STB_3.3V
Timer_REC_LED
R_LED
GND
IRD_LED
STB_LED
C1006
0.1u
16V
Q1003
2SA207700L
R_LED
3.3
3.2
1.7
R1013
10k
R1010
1.2k
D1005
B3AAA0000770
RED
STB_LED
Q1004
2SC584500L
0
0.6
0
R1014
10k
R1015
10k
REC_LED
LXD500 ONLY
R1001
0
C1001
16V
0.1u
Q1001
2SA207700L
Timer_REC_LED
R1006
10k
R1003
3.3k
AMBER
D1002
B3ACA0000272
TP1011
TP1012

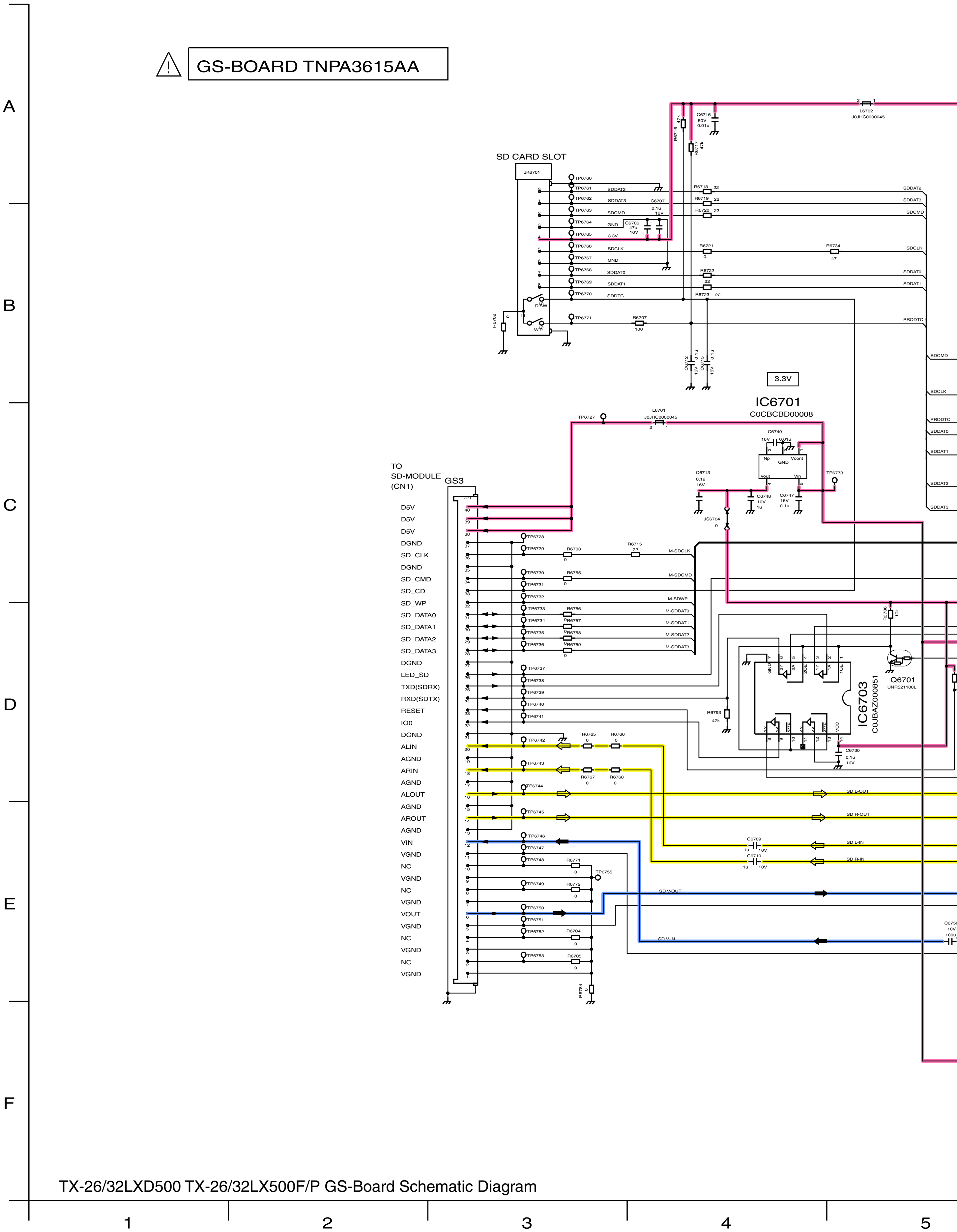

GP-BOARD TNPA3491AA
AC_NPCRST
R6566
AC_WP
R6567
AC_XWAIT
R6568
AC_READY
R6569
AC_XCD2
R6570
AC_XCD1
R6571
AC_XWE
R6572
AC_XOE
R6573
AC_XCE2
R6574
AC_XCE1
R6575
AC_XREG
R6576
AC_D15
AC_D14
AC_D13
AC_D12
R6565
AC_D11
AC_D10
AC_D9
AC_D8
R6564
AC_D7
AC_D6
AC_D5
AC_D4
AC_D3
AC_D2
AC_D1
AC_D0
AC_A10
AC_A9
AC_A8
AC_A7
AC_A6
AC_A5
AC_A4
AC_A3
AC_A2
AC_A1
AC_A0
AC_PCDATOE
AC_NPRSTOE
56
56

SD-Module	Peaks
1 DGND	50 DGND
2 DGND	49 DGND
3 DGND	48 DGND
4 nCD1	47 XCD1
5 READY	46 READY
6 DGND	45 DGND
7 WP	44 WP
8 nCE1	43 XCE1
9 nCE2	42 XCE2
10 nOE	41 XOE
11 nWE	40 XWE
12 POW_SW5	39 PC5V_ON
13 RESET	38 NPCRST
14 (LED_PC)	37 PONOE
15 nVS2	36 NPRSTOE
16 nVS1	35 PCDATOE
17 DGND	34 DGND
18 D0	33 D0
19 D1	32 D1
20 D2	31 D2
21 D3	30 D3
22 D4	29 D4
23 D5	28 D5
24 D6	27 D6
25 D7	26 D7
26 D8	25 D8
27 D9	24 D9
28 DGND	23 DGND
29 D10	22 D10
30 D11	21 D11
31 D12	20 D12
32 D13	19 D13
33 D14	18 D14
34 D15	17 D15
35 nWAIT	16 XWAIT
36 A10	15 A10
37 A9	14 A9
38 A8	13 A8
39 DGND	12 DGND
40 A7	11 A7
41 A6	10 A6
42 A5	9 A5
43 A4	8 A4
44 A3	7 A3
45 A2	6 A2
46 nREG	5 XREG
47 A1	4 A1
48 A0	3 A0
49 nCD2	2 XCD2
50 DGND	1 DGND

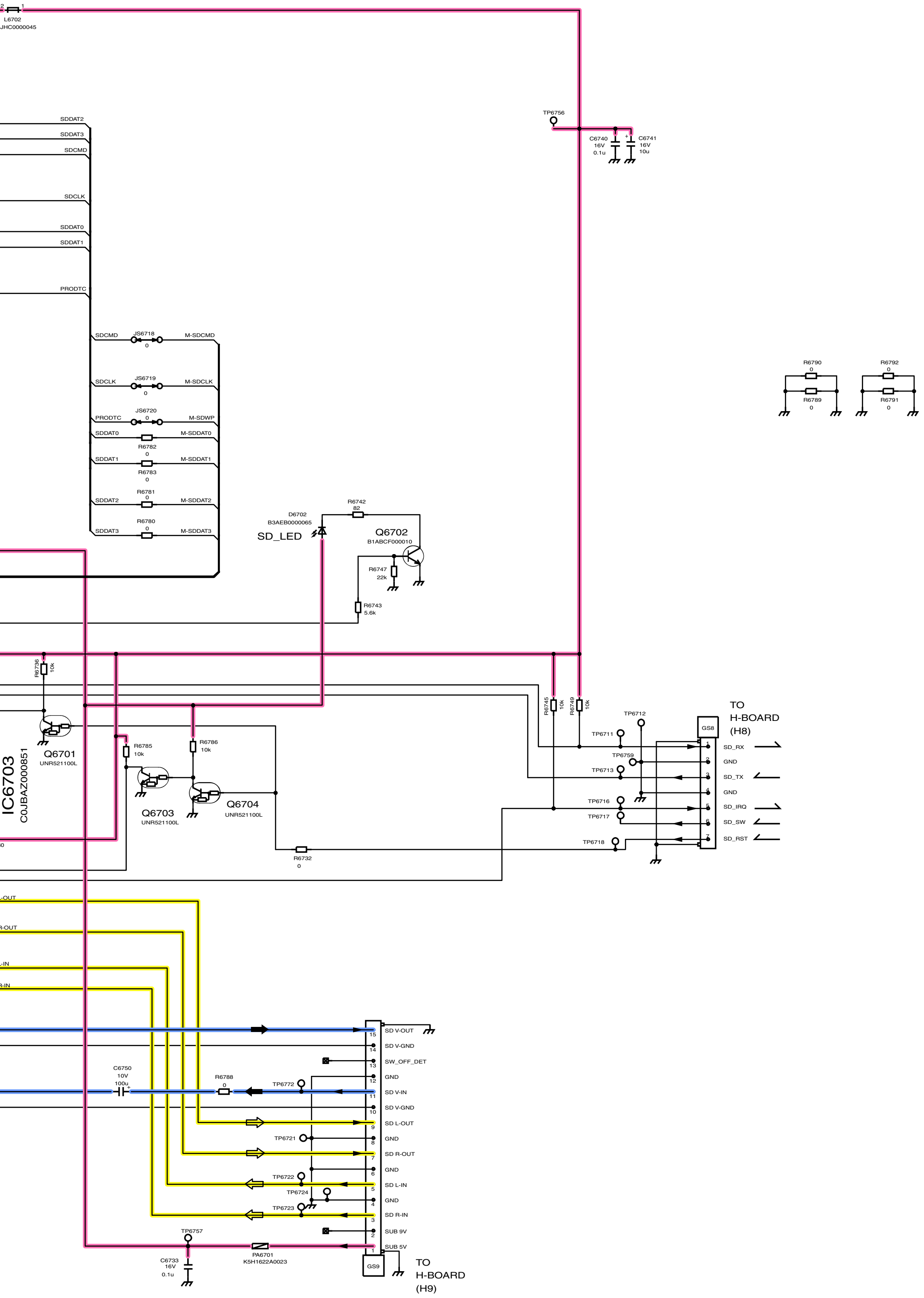

3491AA
TO
SD-MODULE
(CN2)
GP10
JK6502
PC-CARD
JK6501
SLOT FOR 68 PC CARD
Q6501
B1ABCF000138
Q6502
B1DHDC000028
L6504
J0JHC0000045
PC5V
PC_5VON
SUFFIX JW
AA
JS6502
To SM1(Non Peaks Model)
To BA(Peaks Model)
TO
H-BOARD
(H6)
GP6
SUB5V
GND

TX-26/32LXD500 TX-26/32LX500F/P GP and V-Board Schematic Diagram

11.25. GS-Board Schematic Diagram

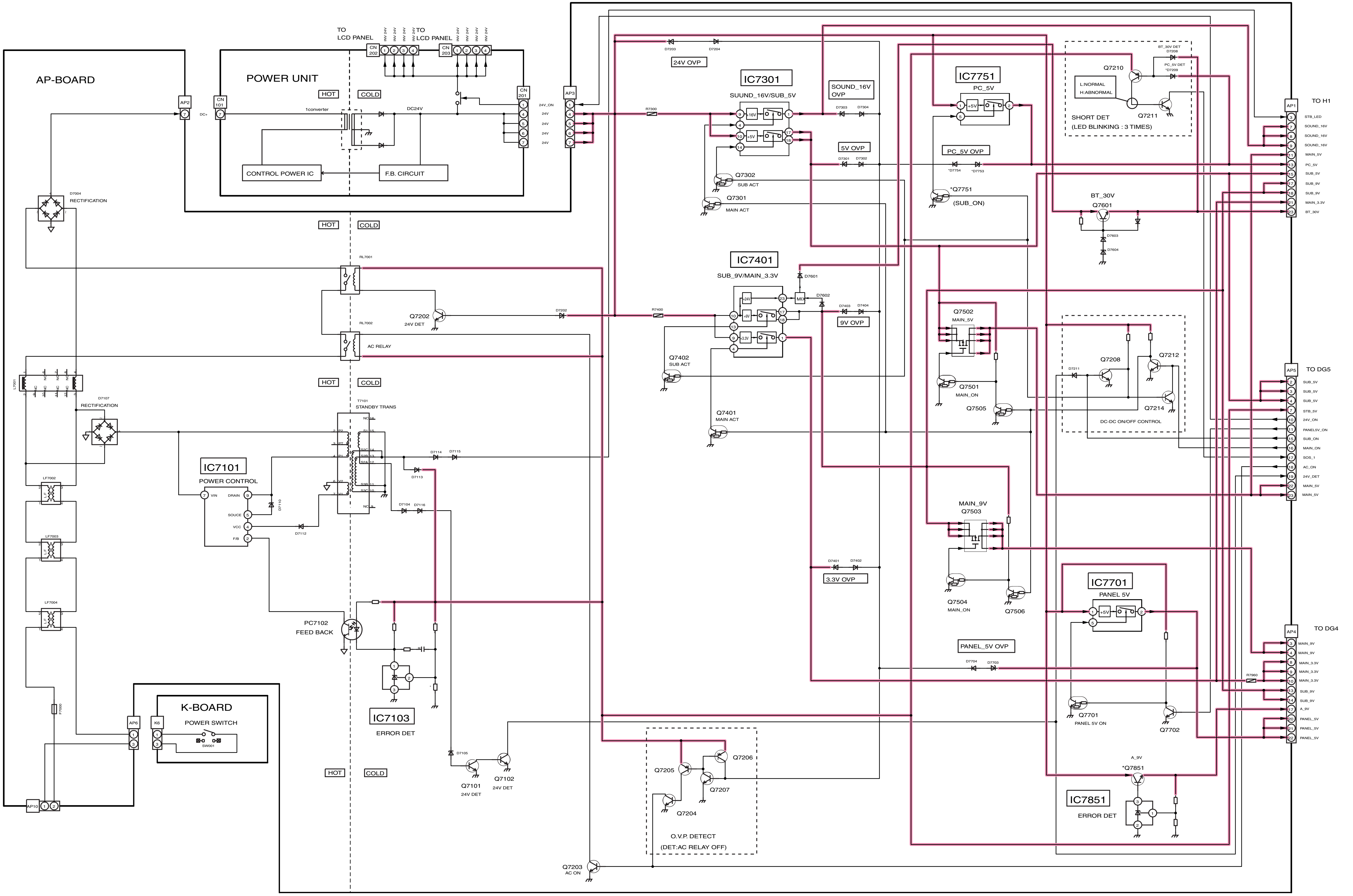

A
B
C
D
E
F
1
2
3
4
5
GS-BOARD TNPA3615AA
SD CARD SLOT
JK6701
TP6760
TP6761
TP6762
TP6763
TP6764
TP6765
TP6766
TP6767
TP6768
TP6769
TP6770
TP6771
SDDAT2
SDDAT3
SDCMD
GND
3.3V
SDCLK
GND
SDDAT0
SDDAT1
SDDTC
D.SW
W.P
R6702
R6707
100
C6707
0.1u
16V
C6706
47u
16V
R6716
47k
R6717
47k
C6716
50V
0.01u
L6702
J0JHC0000045
R6718 22
R6719 22
R6720 22
R6721
0
R6734
47
R6722
22
R6723 22
C6712
16V
0.1u
C6715
16V
0.1u
PRODTC
3.3V
IC6701
C0CBCBD00008
TP6727
L6701
J0JHC0000045
C6749
16V
0.01u
Np
GND
Vcont
Vout
Vin
TP6773
C6713
0.1u
16V
C6748
10V
1u
C6747
16V
0.1u
JS6704
0
TO
SD-MODULE
(CN1)
GS3
D5V
D5V
D5V
DGND
SD_CLK
DGND
SD_CMD
SD_CD
SD_WP
SD_DATA0
SD_DATA1
SD_DATA2
SD_DATA3
DGND
LED_SD
TXD(SDRX)
RXD(SDTX)
RESET
IO0
DGND
ALIN
AGND
ARIN
AGND
ALOUT
AGND
AROUT
AGND
VIN
VGND
NC
VGND
NC
VGND
VOUT
VGND
NC
VGND
NC
VGND
TP6728
TP6729
TP6730
TP6731
TP6732
TP6733
TP6734
TP6735
TP6736
TP6737
TP6738
TP6739
TP6740
TP6741
TP6742
TP6743
TP6744
TP6745
TP6746
TP6747
TP6748
TP6749
TP6750
TP6751
TP6752
TP6753
TP6755
R6703
0
R6715
22
M-SDCLK
R6755
0
M-SDCMD
M-SDWP
R6756
R6757
R6758
R6759
M-SDDAT0
M-SDDAT1
M-SDDAT2
M-SDDAT3
R6793
47k
R6765
0
R6766
0
R6767
0
R6768
0
SD L-OUT
SD R-OUT
C6709
1u 10V
C6710
1u 10V
SD L-IN
SD R-IN
R6771
0
R6772
0
SD V-OUT
R6704
0
R6705
0
R6784
0
SD V-IN
C6750
10V
100u
R6736
10k
Q6701
UNR521100L
IC6703
C0JBAZ000851
GND
2Y
2A
2OE
1Y
1A
1OE
3Y
3A
3OE
4Y
4A
4OE
VCC
C6730
0.1u
16V
SDCMD
SDCLK
PRODTC
SDDAT0
SDDAT1
SDDAT2
SDDAT3

TX-26/32LXD500 TX-26/32LX500F/P GS-Board Schematic Diagram


L6702
JHC0000045
SDDAT2
SDDAT3
SDCMD
SDCLK
SDDAT0
SDDAT1
PRODTC
TP6756
C6740
16V
0.1u
C6741
16V
10u
SDCMD
JS6718
0
M-SDCMD
SDCLK
JS6719
0
M-SDCLK
PRODTC
JS6720
0
M-SDWP
SDDAT0
R6782
0
M-SDDAT0
SDDAT1
R6783
0
M-SDDAT1
SDDAT2
R6781
0
M-SDDAT2
SDDAT3
R6780
0
M-SDDAT3
R6790
0
R6789
0
R6792
0
R6791
0
D6702
B3AEB0000065
SD_LED
R6742
82
Q6702
B1ABCF000010
R6747
22k
R6743
5.6k
R6795
10k
Q6701
UNR521100L
IC6703
C0JBAZ000851
R6785
10k
Q6703
UNR521100L
R6786
10k
Q6704
UNR521100L
R6732
0
R6745
10k
R6746
10k
TP6712
TP6711
TP6759
TP6713
TP6716
TP6717
TP6718
GS8
TO
H-BOARD
(H8)
SD_RX
GND
SD_TX
GND
SD_IRQ
SD_SW
SD_RST
-OUT
-OUT
-IN
-IN
C6750
10V
100u
R6788
0
TP6772
TP6721
TP6722
TP6724
TP6723
TP6757
C6733
16V
0.1u
PA6701
K5H1622A0023
SD V-OUT
SD V-GND
SW_OFF_DET
GND
SD V-IN
SD V-GND
SD L-OUT
GND
SD R-OUT
GND
SD L-IN
GND
SD R-IN
SUB 9V
SUB 5V
GS9
TO
H-BOARD
(H9)

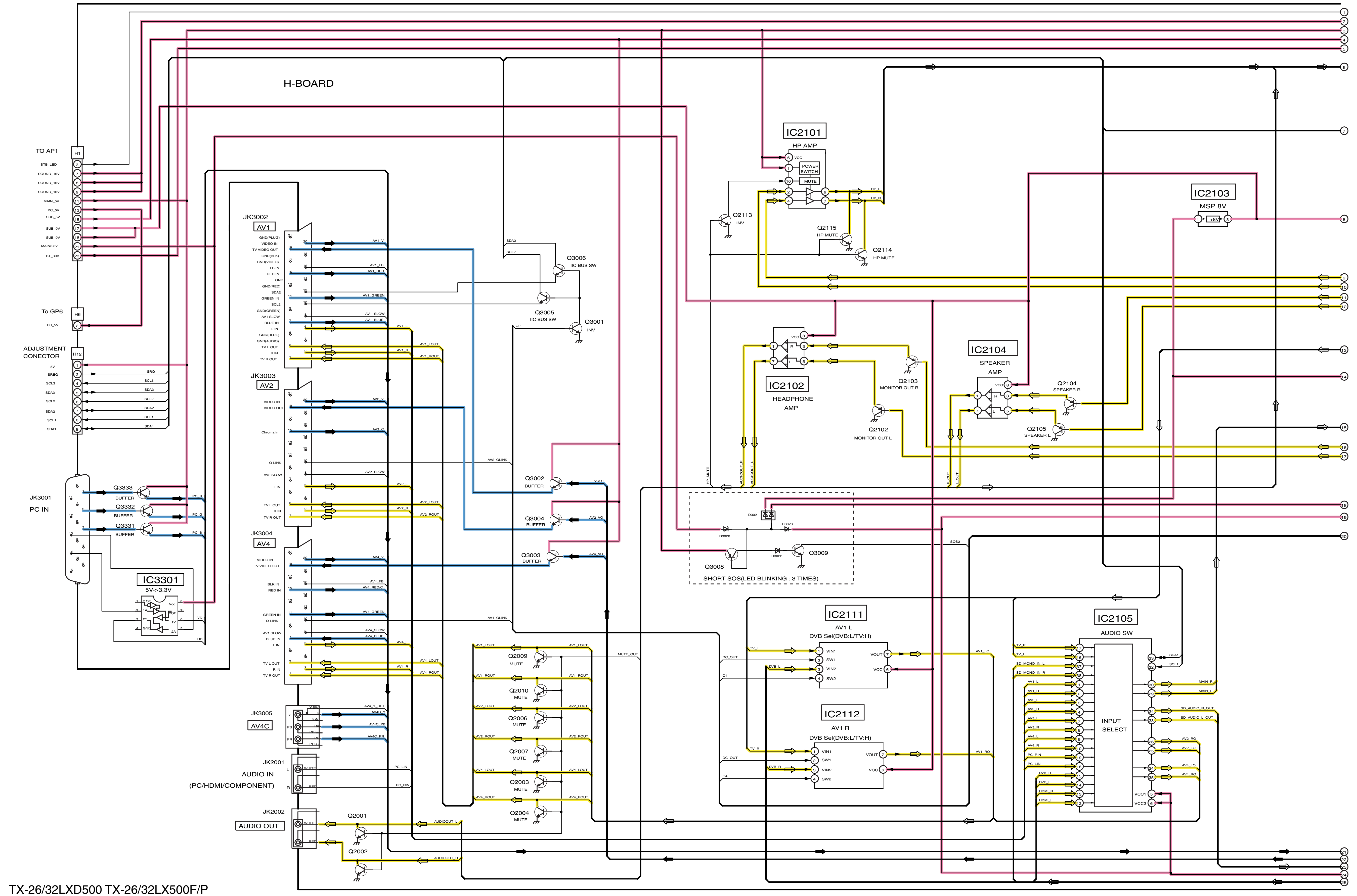
TX-26/32LXD500 TX-26/32LX500F/P GS-Board Schematic Diagram

5 6 7 8 9

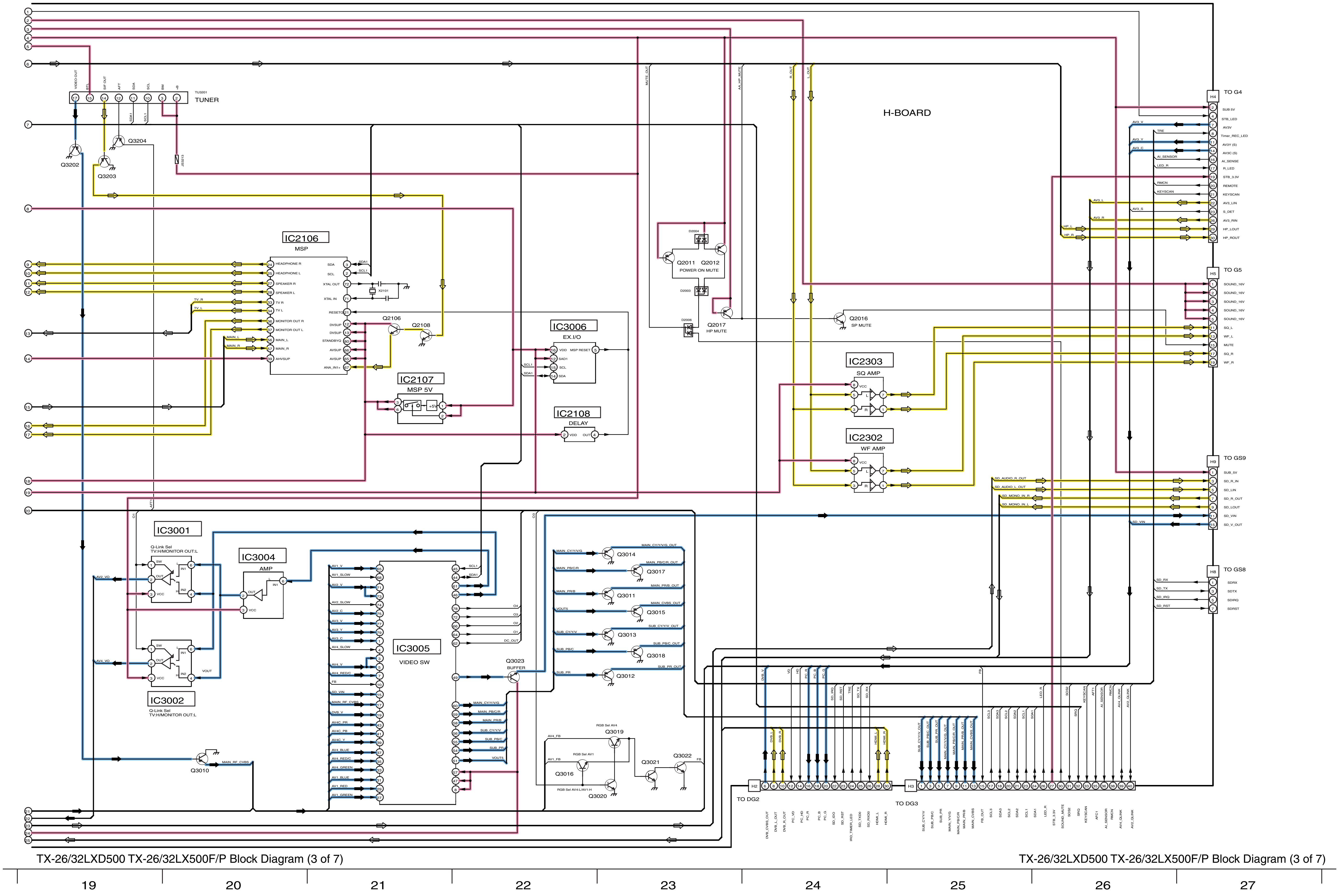

AP-BOARD
POWER UNIT
TO LCD PANEL
TO LCD PANEL
CN 202
CN 203
INV 24V
HOT
COLD
CN 101
CN 201
AP2
AP3
DC+
1converter
DC24V
24V_ON
24V
CONTROL POWER IC
F.B. CIRCUIT
D7004
RECTIFICATION
RL7001
RL7002
AC RELAY
Q7202
24V DET
D7202
L7001
D7107
RECTIFICATION
T7101
STANDBY TRANS
IC7101
POWER CONTROL
VIN
DRAIN
SOUCE
VCC
F/B
D7110
D7112
D7113
D7114
D7115
D7104
D7116
LF7002
LF7003
LF7004
F7000
PC7102
FEED BACK
IC7103
ERROR DET
D7105
Q7101
24V DET
Q7102
24V DET
K-BOARD
POWER SWITCH
SW001
AP6
K6
AP10
Q7203
AC ON
O.V.P. DETECT
(DET:AC RELAY OFF)
Q7204
Q7205
Q7206
Q7207
D7203
D7204
24V OVP
R7300
IC7301
SUUND_16V/SUB_5V
16V
+5V
SOUND_16V
OVP
D7303
D7304
5V OVP
D7301
D7302
Q7302
SUB ACT
Q7301
MAIN ACT
IC7401
SUB_9V/MAIN_3.3V
D7601
R7400
+24V
+9V
+3.3V
MIX
D7602
D7403
D7404
9V OVP
Q7402
SUB ACT
Q7401
MAIN ACT
D7401
D7402
3.3V OVP
IC7751
PC_5V
PC_5V OVP
*D7754
*D7753
*Q7751
(SUB_ON)
L:NORMAL
H:ABNORMAL
Q7210
Q7211
BT_30V DET
D7208
PC_5V DET
*D7209
SHORT DET
(LED BLINKING : 3 TIMES)
BT_30V
Q7601
D7603
D7604
Q7502
MAIN_5V
Q7501
MAIN_ON
Q7505
D7211
Q7208
Q7212
Q7214
DC-DC ON/OFF CONTROL
MAIN_9V
Q7503
Q7504
MAIN_ON
Q7506
IC7701
PANEL 5V
PANEL_5V OVP
D7704
D7703
R7960
Q7701
PANEL 5V ON
Q7702
A_9V
*Q7851
IC7851
ERROR DET
AP1
TO H1
STB_LED
SOUND_16V
MAIN_5V
PC_5V
SUB_5V
SUB_9V
MAIN_3.3V
BT_30V
AP5
TO DG5
STB_5V
24V_ON
PANEL5V_ON
SUB_ON
MAIN_ON
SOS_1
AC_ON
24V_DET
AP4
TO DG4
MAIN_9V
A_9V
PANEL_5V

TX-26/32LXD500 TX-26/32LX500F/P
Block Diagram (1 of 7)

TX-26/32LXD500 TX-26/32LX500F/P
Block Diagram (1 of 7)

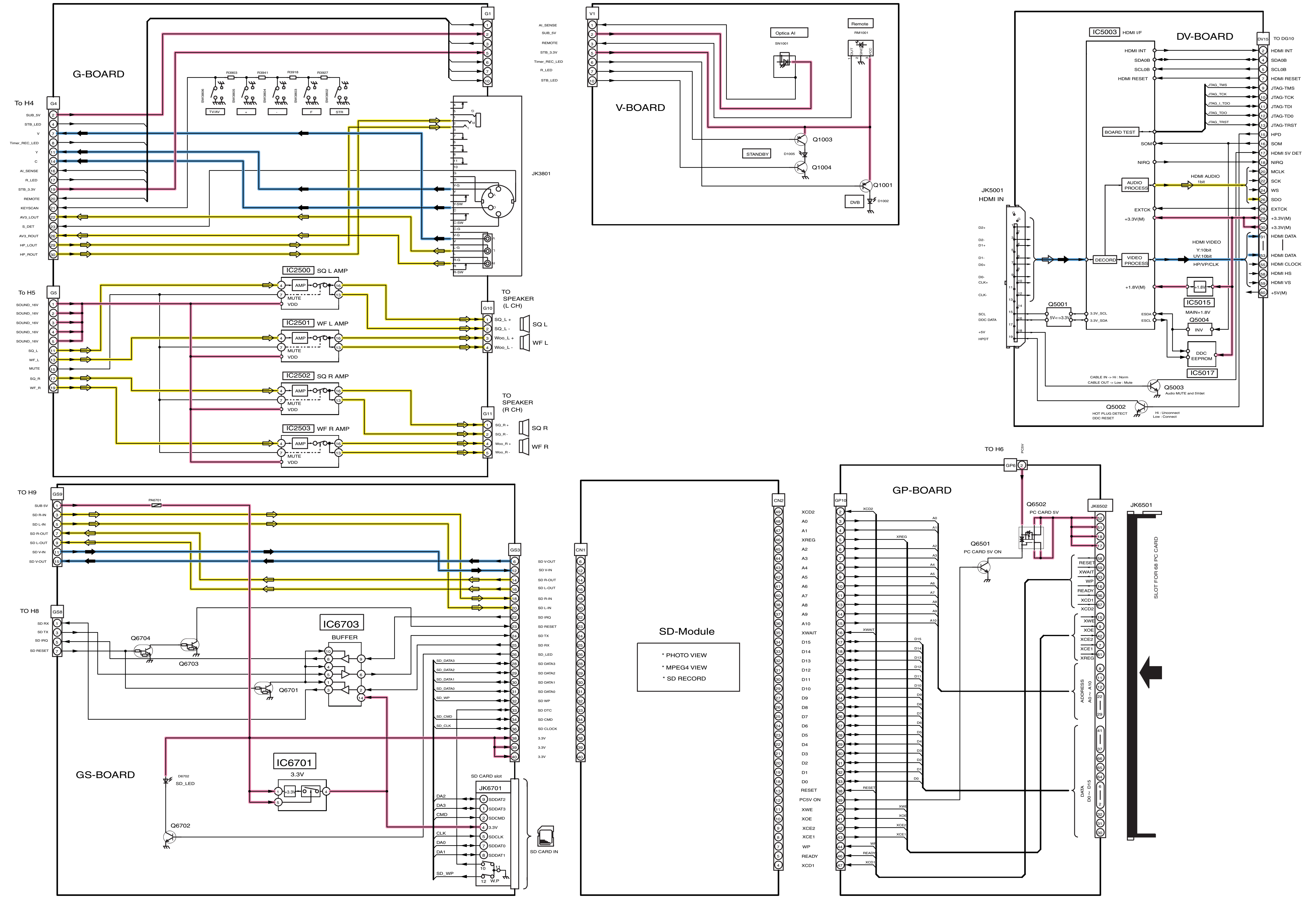

H-BOARD
TO AP1
H1
STB_LED
SOUND_16V
SOUND_16V
SOUND_16V
MAIN_5V
PC_5V
SUB_5V
SUB_9V
SUB_9V
MAIN3.3V
BT_30V
To GP6
H6
PC_5V
ADJUSTMENT CONECTOR
H12
5V
SREQ
SCL3
SDA3
SCL2
SDA2
SCL1
SDA1
JK3001
PC IN
Q3333
BUFFER
Q3332
BUFFER
Q3331
BUFFER
PC_R
PC_G
PC_B
IC3301
5V->3.3V
VD
HD
JK3002
AV1
GND(PLUG)
VIDEO IN
TV VIDEO OUT
GND(BLK)
GND(VIDEO)
FB IN
RED IN
GND
GND(RED)
SDA2
GREEN IN
SCL2
GND(GREEN)
AV1 SLOW
BLUE IN
L IN
GND(BLUE)
GND(AUDIO)
TV L OUT
R IN
TV R OUT
AV1_V
AV1_FB
AV1_RED
AV1_GREEN
AV1_SLOW
AV1_BLUE
AV1_L
AV1_LOUT
AV1_R
AV1_ROUT
JK3003
AV2
VIDEO IN
VIDEO OUT
Chroma in
Q-LINK
AV2 SLOW
AV2_V
AV2_C
AV2_QLINK
AV2_SLOW
AV2_L
AV2_LOUT
AV2_R
AV2_ROUT
JK3004
AV4
BLK IN
GREEN IN
AV4_V
AV4_FB
AV4_RED/C
AV4_GREEN
AV4_QLINK
AV4_SLOW
AV4_BLUE
AV4_L
AV4_LOUT
AV4_R
AV4_ROUT
JK3005
AV4C
Y
PB
PR
AV4_Y_DET
AV4C_V
AV4C_PB
AV4C_PR
JK2001
AUDIO IN
(PC/HDMI/COMPONENT)
WHITE
RED
PC_LIN
PC_RIN
JK2002
AUDIO OUT
Q2001
Q2002
AUDIOOUT_L
AUDIOOUT_R
SDA2
SCL2
Q3006
IIC BUS SW
Q3005
IIC BUS SW
Q3001
INV
O2
Q3002
BUFFER
Q3004
BUFFER
Q3003
BUFFER
VOUT
AV2_VO
AV4_VO
Q2009
MUTE
Q2010
MUTE
Q2006
MUTE
Q2007
MUTE
Q2003
MUTE
Q2004
MUTE
MUTE_OUT
IC2101
HP AMP
VCC
POWER SWITCH
MUTE
HP_L
HP_R
Q2113
INV
Q2115
HP MUTE
Q2114
HP MUTE
IC2103
MSP 8V
+8V
IC2102
HEADPHONE AMP
Q2103
MONITOR OUT R
Q2102
MONITOR OUT L
IC2104
SPEAKER AMP
Q2104
SPEAKER R
Q2105
SPEAKER L
HP_MUTE
AUDIOOUT_R
AUDIOOUT_L
R_OUT
L_OUT
D3021
D3023
D3020
D3022
Q3008
Q3009
SOS2
SHORT SOS(LED BLINKING : 3 TIMES)
IC2111
AV1 L
DVB Sel(DVB:L/TV:H)
VIN1
SW1
VIN2
SW2
VOUT
VCC
TV_L
DC_OUT
DVB_L
O4
AV1_LO
IC2112
AV1 R
DVB Sel(DVB:L/TV:H)
TV_R
DVB_R
AV1_RO
IC2105
AUDIO SW
INPUT SELECT
SD_MONO_IN_L
SD_MONO_IN_R
PC_RIN
PC_LIN
DVB_R
DVB_L
HDMI_R
HDMI_L
SDA1
SCL1
MAIN_R
MAIN_L
SD_AUDIO_R_OUT
SD_AUDIO_L_OUT
AV2_RO
AV2_LO
AV4_LO
AV4_RO
VCC1
VCC2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

TX-26/32LXD500 TX-26/32LX500F/P
Block Diagram (2 of 7)


TUNER
TU3201
VIDEO OUT
BTL
SIF OUT
AFT
SDA
SCL
BM
+B
Q3202
Q3203
Q3204
JS3213
IC2106
MSP
HEADPHONE R
HEADPHONE L
SPEAKER R
SPEAKER L
TV R
TV L
MONITOR OUT R
MONITOR OUT L
MAIN_L
MAIN_R
AHVSUP
SDA
SCL
XTAL OUT
XTAL IN
RESETQ
DVSUP
STANDBYQ
AVSUP
ANA_IN1+
X2101
Q2106
Q2108
IC2107
MSP 5V
IC3006
EX.I/O
VDD
MSP RESET
SAD1
IC2108
DELAY
H-BOARD
MUTE_OUT
AA_HP_MUTE
R_OUT
L_OUT
D2004
D2003
D2006
Q2011
Q2012
POWER ON MUTE
Q2017
HP MUTE
Q2016
SP MUTE
IC2303
SQ AMP
IC2302
WF AMP
VCC
IC3001
Q-Link Sel
TV:H/MONITOR OUT:L
SW
OUT
IN1
IN2
AV2_VO
IC3002
Q-Link Sel
TV:H/MONITOR OUT:L
AV4_VO
VOUT
IC3004
AMP
IC3005
VIDEO SW
AV1_V
AV1_SLOW
AV2_V
AV2_SLOW
AV2_C
AV3_V
AV3_Y
AV3_C
AV4_SLOW
AV4_V
AV4_RED/C
FB
SD_VIN
MAIN_RF_CVBS
DVB_V
AV4C_PR
AV4C_PB
AV4C_Y
AV4_BLUE
AV4_RED/C
AV4_GREEN
AV1_BLUE
AV1_RED
AV1_GREEN
O4
O3
O2
O1
DC_OUT
MAIN_CY/Y/V/G
MAIN_PB/C/R
MAIN_PR/B
SUB_CY/Y/V
SUB_PB/C
SUB_PR
VOUT5
Q3023
BUFFER
Q3010
Q3014
Q3017
Q3011
Q3015
Q3013
Q3018
Q3012
MAIN_CY/Y/V/G_OUT
MAIN_PB/C/R_OUT
MAIN_PR/B_OUT
MAIN_CVBS_OUT
SUB_CY/Y/V_OUT
SUB_PB/C_OUT
SUB_PR_OUT
RGB Sel AV4
Q3019
RGB Sel AV1
Q3016
Q3021
Q3022
Q3020
RGB Sel AV4:L/AV1:H
AV4_FB
AV1_FB
H4
TO G4
SUB 5V
STB_LED
AV3V
Timer_REC_LED
AV3Y (S)
AV3C (S)
AI_SENSE
R_LED
STB_3.3V
REMOTE
KEYSCAN
AV3_LIN
S_DET
AV3_RIN
HP_LOUT
HP_ROUT
H5
TO G5
SOUND_16V
SQ_L
WF_L
MUTE
SQ_R
WF_R
H9
TO GS9
SUB_5V
SD_R_IN
SD_LIN
SD_R_OUT
SD_LOUT
SD_VIN
SD_V_OUT
SD_AUDIO_R_OUT
SD_AUDIO_L_OUT
SD_MONO_IN_R
SD_MONO_IN_L
H8
TO GS8
SDRX
SDTX
SDIRQ
SDRST
H2
TO DG2
DVB_CVBS_OUT
DVB_L_OUT
DVB_R_OUT
PC_VD
PC_HD
PC_R
PC_B
PC_G
SD_IRQ
SD_RST
IRD_TIMER_LED
SD_TXD0
SD_RXD0
HDMI_L
HDMI_R
H3
TO DG3
SUB_CY/Y/V
SUB_PB/C
SUB_PR
MAIN_Y/V/G
MAIN_PB/C/R
MAIN_PR/B
MAIN_CVBS
FB_OUT
SCL3
SDA3
SCL2
SDA2
SCL1
SDA1
LED_R
STB_3.3V
SOUND_MUTE
SOS2
SRQ
KEYSCAN
AFC1
AI_SENSOR
RMCN
AV4_QLINK
AV2_QLINK
19
20
21
22
23
24
25
26
27

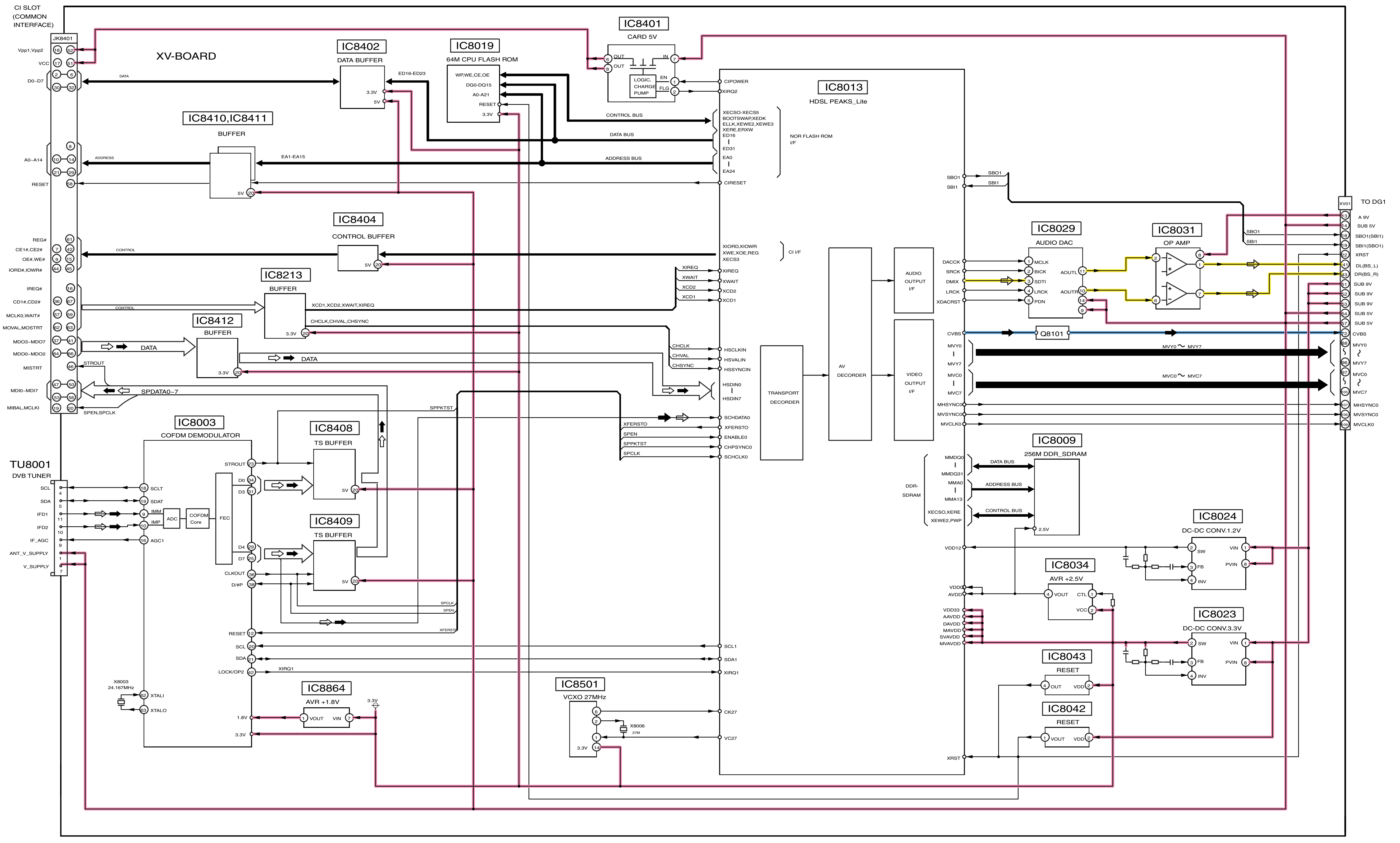
TX-26/32LXD500 TX-26/32LX500F/P Block Diagram (3 of 7)

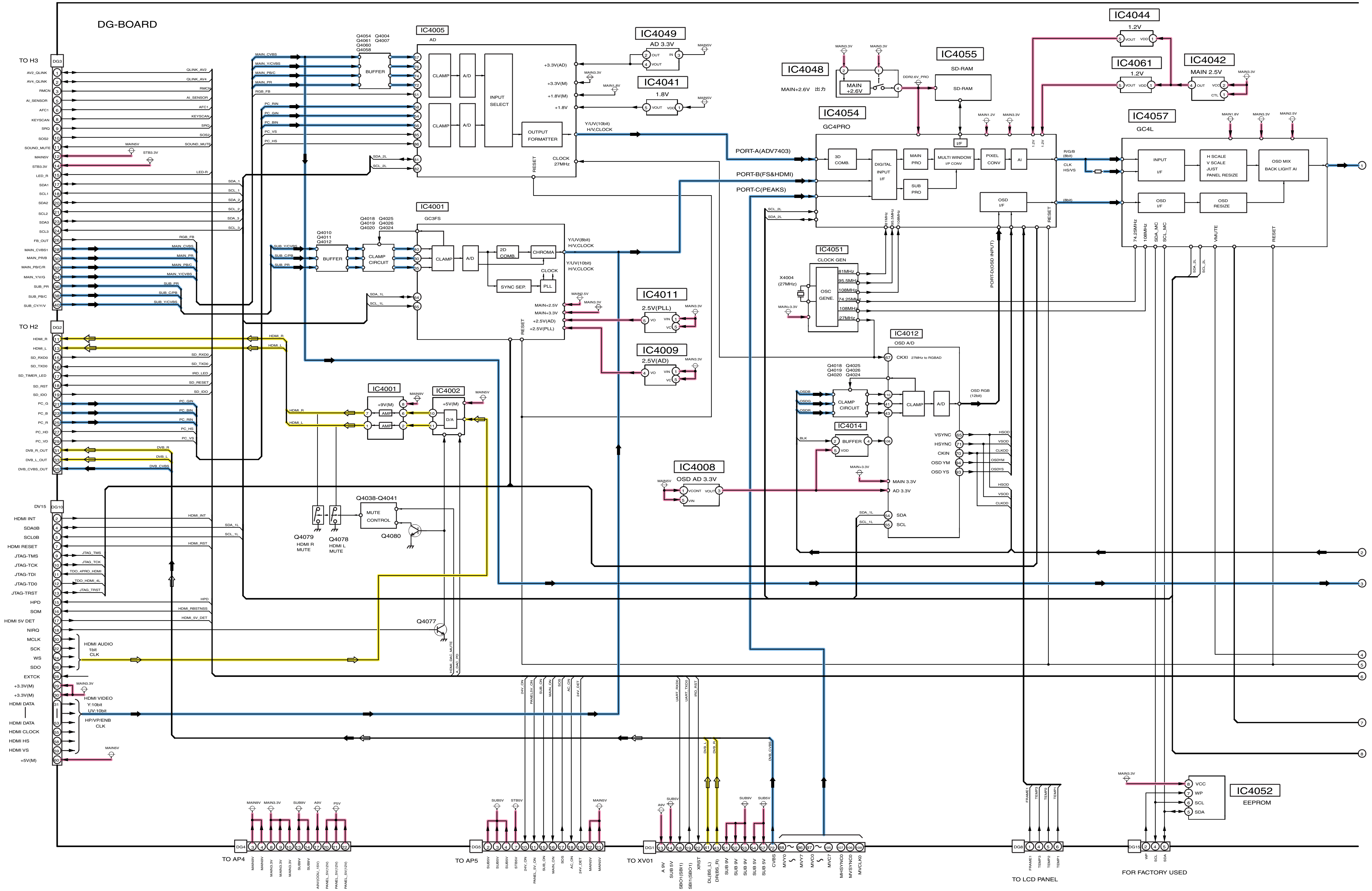
TX-26/32LXD500 TX-26/32LX500F/P Block Diagram (3 of 7)


G-BOARD
G1
AI_SENSE
SUB_5V
REMOTE
STB_3.3V
Timer_REC_LED
R_LED
STB_LED
To H4
G4
SUB_5V
STB_LED
V
Timer_REC_LED
Y
C
AI_SENSE
R_LED
STB_3.3V
REMOTE
KEYSCAN
AV3_LOUT
S_DET
AV3_ROUT
HP_LOUT
HP_ROUT
R3903
R3941
R3918
R3927
SW3806
SW3805
SW3804
SW3803
SW3802
TV/AV
+
-
F
STR
JK3801
To H5
G5
SOUND_16V
SQ_L
WF_L
MUTE
SQ_R
WF_R
IC2500 SQ L AMP
IC2501 WF L AMP
IC2502 SQ R AMP
IC2503 WF R AMP
AMP
MUTE
VDD
TO SPEAKER (L CH)
G10
SQ_L +
SQ_L -
Woo_L +
Woo_L -
SQ L
WF L
TO SPEAKER (R CH)
G11
SQ_R +
SQ_R -
Woo_R +
Woo_R -
SQ R
WF R
V-BOARD
V1
Optica AI
SN1001
Remote
RM1001
Q1003
STANDBY
D1005
Q1004
Q1001
DVB
D1002
DV-BOARD
IC5003 HDMI I/F
DV15
TO DG10
HDMI INT
SDA0B
SCL0B
HDMI RESET
JTAG-TMS
JTAG-TCK
JTAG-TDI
JTAG-TD0
JTAG-TRST
BOARD TEST
HPD
SOM
HDMI 5V DET
NIRQ
MCLK
AUDIO PROCESS
HDMI AUDIO 1bit
SCK
WS
SDO
EXTCK
+3.3V(M)
HDMI DATA
JK5001 HDMI IN
D2+
D2-
D1+
D1-
D0+
D0-
CLK+
CLK-
SCL
DDC DATA
+5V
HPDT
DECORD
VIDEO PROCESS
HDMI VIDEO Y:10bit UV:10bit HP/VP/CLK
HDMI CLOCK
HDMI HS
HDMI VS
+5V(M)
+1.8V(M)
+1.8V
IC5015
MAIN+1.8V
Q5001
5V<->3.3V
3.3V_SCL
3.3V_SDA
ESDA
ESCL
Q5004
INV
DDC EEPROM
IC5017
CABLE IN -> Hi : Norm
CABLE OUT -> Low : Mute
Q5003
Audio MUTE and 5Vdet
Q5002
HOT PLUG DETECT
DDC RESET
Hi : Unconnect
Low : Connect
TO H9
GS9
SUB_5V
SD R-IN
SD L-IN
SD R-OUT
SD L-OUT
SD V-IN
SD V-OUT
PA6701
GS3
SD IRQ
SD RESET
SD TX
SD RX
SD_LED
SD DATA3
SD DATA2
SD DATA1
SD DATA0
SD WP
SD DTC
SD CMD
SD CLOCK
3.3V
TO H8
GS8
Q6704
Q6703
IC6703
BUFFER
Q6701
IC6701
3.3V
GS-BOARD
D6702
SD_LED
Q6702
SD CARD slot
JK6701
SDDAT2
SDDAT3
SDCMD
SDCLK
SDDAT0
SDDAT1
W.P
SD CARD IN
SD-Module
CN1
CN2
* PHOTO VIEW
* MPEG4 VIEW
* SD RECORD
XCD2
A0
A1
XREG
A2
A3
A4
A5
A6
A7
A8
A9
A10
XWAIT
D15
D14
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
D1
D0
RESET
PC5V ON
XWE
XOE
XCE2
XCE1
WP
READY
XCD1
TO H6
GP6
PC5V
GP-BOARD
GP10
Q6502
PC CARD 5V
Q6501
PC CARD 5V ON
JK6502
JK6501
ADDRESS A0 ~ A10
DATA D0 ~ D15
SLOT FOR 68 PC CARD

TX-26/32LXD500 TX-26/32LX500F/P
Block Diagram (4 of 7)

TX-26/32LXD500 TX-26/32LX500F/P
Block Diagram (4 of 7)

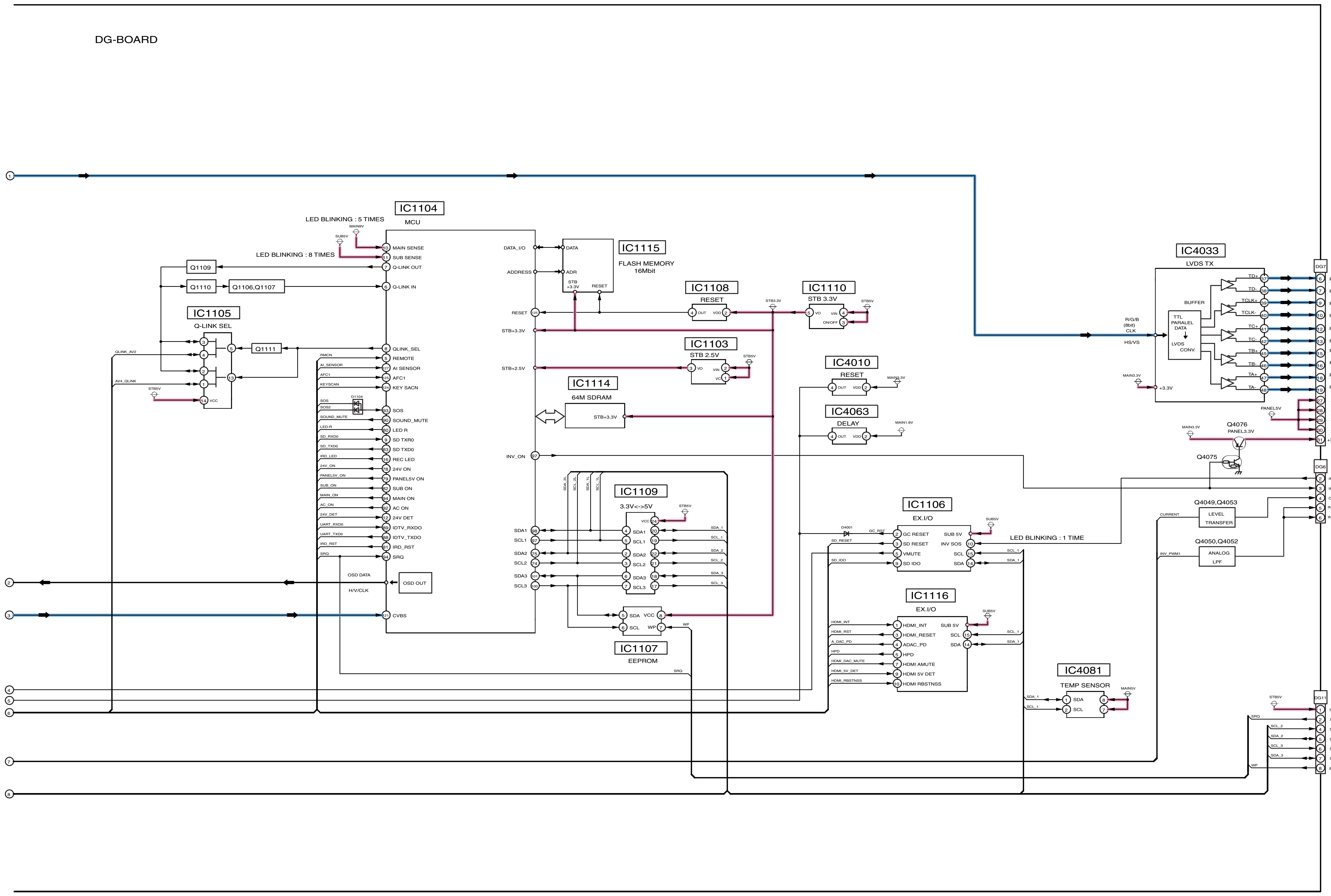

CI SLOT
(COMMON
INTERFACE)
JK8401
Vpp1,Vpp2
VCC
D0~D7
A0~A14
RESET
REG#
CE1#,CE2#
OE#,WE#
IORD#,IOWR#
IREQ#
CD1#,CD2#
MCLK0,WAIT#
MOVAL,MOSTRT
MDO3~MDO7
MDO0~MDO2
MISTRT
MDI0~MDI7
MIBAL,MCLKI
XV-BOARD
DATA
ADDRESS
CONTROL
STROUT
SPDATA0~7
SPEN,SPCLK
IC8402
DATA BUFFER
ED16-ED23
3.3V
5V
IC8019
64M CPU FLASH ROM
WP,WE,CE,OE
DG0-DQ15
A0-A21
RESET
3.3V
IC8401
CARD 5V
OUT
IN
LOGIC,
CHARGE
PUMP
EN
FLG
IC8410,IC8411
BUFFER
EA1-EA15
IC8404
CONTROL BUFFER
IC8213
BUFFER
XCD1,XCD2,XWAIT,XIREQ
CHCLK,CHVAL,CHSYNC
IC8412
BUFFER
CONTROL BUS
DATA BUS
ADDRESS BUS
IC8013
HDSL PEAKS_Lite
CIPOWER
XIRQ2
XECSO-XECS5
BOOTSWAP,XEDK
ELLK,XEWE2,XEWE3
XERE,ERXW
ED16
ED31
EA0
EA24
NOR FLASH ROM
I/F
CIRESET
XIORD,XIOWR
XWE,XOE,REG
XECS3
CI I/F
XIREQ
XWAIT
XCD2
XCD1
CHCLK
CHVAL
CHSYNC
HSCLKIN
HSVALIN
HSSYNCIN
HSDIN0
HSDIN7
SPPKTST
XFERSTO
SPEN
SPPKTST
SPCLK
SCHDATA0
XFERSTO
ENABLE0
CHPSYNC0
SCHCLK0
TRANSPORT
DECORDER
AV
DECORDER
AUDIO
OUTPUT
I/F
VIDEO
OUTPUT
I/F
SBO1
SBI1
DACCK
SRCK
DMIX
LRCK
XDACRST
CVBS
MVY0
MVY7
MVC0
MVC7
MHSYNC0
MVSYNC0
MVCLK0
IC8029
AUDIO DAC
MCLK
BICK
SDTI
LRCK
PDN
AOUTL
AOUTR
IC8031
OP AMP
Q8101
MVY0 ~ MVY7
MVC0 ~ MVC7
XV01
TO DG1
A 9V
SUB 5V
SBO1(SBI1)
SBI1(SBO1)
XRST
DL(BS_L)
DR(BS_R)
SUB 9V
SUB 9V
SUB 9V
SUB 5V
SUB 5V
CVBS
MVY0
MVY7
MVC0
MVC7
MHSYNC0
MVSYNC0
MVCLK0
IC8009
256M DDR_SDRAM
MMDQ0
MMDQ31
MMA0
MMA13
XECSO,XERE
XEWE2,PWP
DDR-
SDRAM
DATA BUS
ADDRESS BUS
CONTROL BUS
2.5V
IC8024
DC-DC CONV.1.2V
SW
FB
INV
VIN
PVIN
VDD12
IC8034
AVR +2.5V
VOUT
CTL
VCC
VDD
AVDD
VDD33
AAVDD
DAVDD
MAVDD
SVAVDD
MVAVDD
IC8023
DC-DC CONV.3.3V
IC8043
RESET
OUT
VDD
IC8042
RESET
VOUT
VDD
XRST
TU8001
DVB TUNER
SCL
SDA
IFD1
IFD2
IF_AGC
ANT_V_SUPPLY
V_SUPPLY
IC8003
COFDM DEMODULATOR
SCLT
SDAT
IMM
IMP
AGC1
ADC
COFDM
Core
FEC
STROUT
D0
D3
D4
D7
CLKOUT
D/#P
RESET
SCL
SDA
LOCK/OP2
XIRQ1
XTALI
XTALO
X8003
24.167MHz
1.8V
3.3V
IC8408
TS BUFFER
5V
IC8409
TS BUFFER
SPCLK
SPEN
XFERST
IC8864
AVR +1.8V
VOUT
VIN
3.3V
SCL1
SDA1
XIRQ1
IC8501
VCXO 27MHz
X8006
27M
3.3V
CK27
VC27



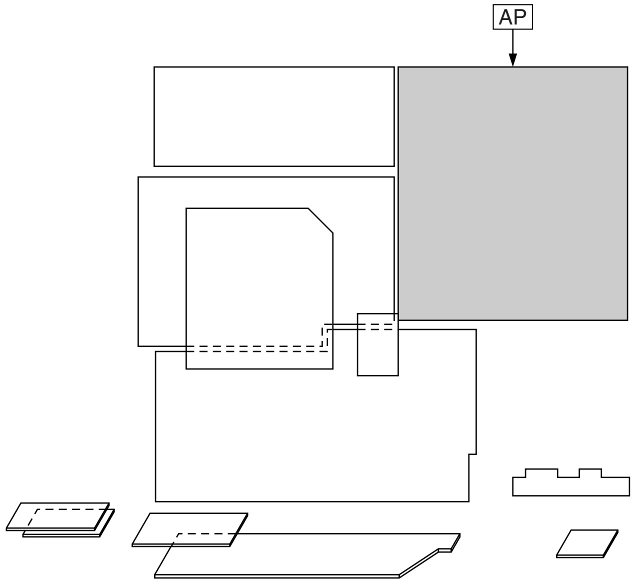
DG-BOARD
TO H3
DG3
AV2_QLINK
AV4_QLINK
RMCN
AI_SENSOR
AFC1
KEYSCAN
SRQ
SOS2
SOUND_MUTE
MAIN5V
STB3.3V
LED_R
SDA1
SCL1
SDA2
SCL2
SDA3
SCL3
FB_OUT
MAIN_CVBS1
MAIN_PR/B
MAIN_PB/C/R
MAIN_Y/Y/G
SUB_PR
SUB_PB/C
SUB_CY/Y/V
TO H2
DG2
HDMI_R
HDMI_L
SD_RXD0
SD_TXD0
SD_TIMER_LED
SD_RST
SD_IDO
PC_G
PC_B
PC_R
PC_HD
PC_VD
DVB_R_OUT
DVB_L_OUT
DVB_CVBS_OUT
DV15
DG10
HDMI INT
SDA0B
SCL0B
HDMI RESET
JTAG-TMS
JTAG-TCK
JTAG-TDI
JTAG-TD0
JTAG-TRST
HPD
SOM
HDMI 5V DET
NIRQ
MCLK
SCK
WS
SDO
EXTCK
+3.3V(M)
HDMI DATA
HDMI CLOCK
HDMI HS
HDMI VS
+5V(M)
HDMI AUDIO 1bit CLK
HDMI VIDEO Y:10bit UV:10bit
HP/VP/ENB CLK
IC4005
AD
Q4054 Q4004 Q4061 Q4007 Q4060 Q4058
BUFFER
CLAMP
A/D
INPUT SELECT
OUTPUT FORMATTER
+3.3V(AD)
+3.3V(M)
+1.8V(M)
+1.8V
CLOCK 27MHz
RESET
Y/UV(10bit) H/V,CLOCK
IC4049
AD 3.3V
IC4041
1.8V
IC4001
GC3FS
Q4010 Q4011 Q4012
Q4018 Q4025 Q4019 Q4026 Q4020 Q4024
CLAMP CIRCUIT
2D COMB.
CHROMA
SYNC SEP.
PLL
CLOCK
Y/UV(8bit) H/V,CLOCK
Y/UV(10bit) H/V,CLOCK
MAIN+2.5V
MAIN+3.3V
+2.5V(AD)
+2.5V(PLL)
IC4011
2.5V(PLL)
IC4009
2.5V(AD)
IC4001
+9V(M)
AMP
IC4002
+5V(M)
D/A
Q4038-Q4041
MUTE CONTROL
Q4079 HDMI R MUTE
Q4078 HDMI L MUTE
Q4080
Q4077
IC4048
MAIN+2.6V 出力
MAIN +2.6V
DDR2.6V_PRO
IC4055
SD-RAM
IC4054
GC4PRO
PORT-A(ADV7403)
PORT-B(FS&HDMI)
PORT-C(PEAKS)
3D COMB.
DIGITAL INPUT I/F
MAIN PRO
SUB PRO
MULTI WINDOW I/P CONV
PIXEL CONV
AI
OSD I/F
PORT-D(OSD INPUT)
IC4044
1.2V
IC4061
1.2V
IC4042
MAIN 2.5V
IC4057
GC4L
INPUT I/F
H SCALE V SCALE JUST PANEL RESIZE
OSD MIX BACK LIGHT AI
OSD I/F
OSD RESIZE
R/G/B (8bit)
CLK HS/VS
74.25MHz
108MHz
SDA_MC
SCL_MC
VMUTE
RESET
IC4051
CLOCK GEN
X4004 (27MHz)
OSC GENE.
81MHz
95.5MHz
108MHz
74.25MHz
108MHz
27MHz
IC4012
OSD A/D
CKXI 27MHz to RGBAD
CLAMP CIRCUIT
CLAMP
A/D
OSD RGB (12bit)
IC4014
BUFFER
VSYNC
HSYNC
CKIN
OSD YM
OSD YS
MAIN 3.3V
AD 3.3V
SDA
SCL
IC4008
OSD AD 3.3V
IC4052
EEPROM
VCC
WP
SCL
SDA
DG4
TO AP4
MAIN9V
MAIN3.3V
SUB9V
A9V(COLL_15V)
PANEL_5V(12V)
DG5
TO AP5
SUB5V
STB5V
24V_ON
PANEL5V_ON
SUB_ON
MAIN_ON
SOS
AC_ON
24V_DET
MAIN5V
DG1
TO XV01
A 9V
SUB 5V
SBO1(SBI1)
SBI1(SBO1)
XRST
DL(BS_L)
DR(BS_R)
SUB 9V
SUB 5V
CVBS
MVY0
MVY7
MVC0
MVC7
MHSYNC0
MVSYNC0
MVCLK0
DG8
TO LCD PANEL
FRAME1
TEMP3
TEMP2
TEMP1
DG15
FOR FACTORY USED
1
2
3
4
5
6
7
8

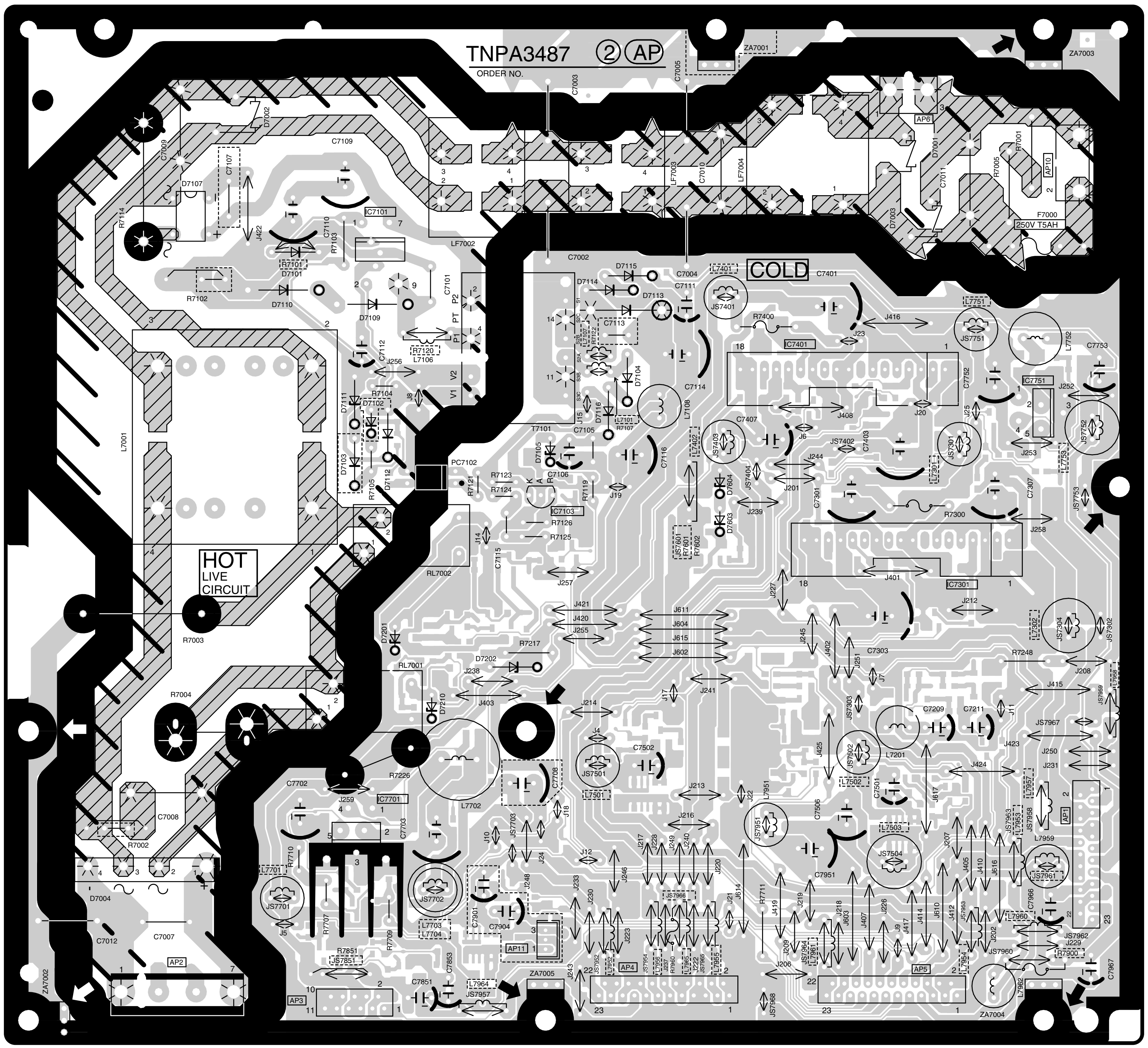
TX-26/32LXD500 TX-26/32LX500F/P
Block Diagram (6 of 7)

TX-26/32LXD500 TX-26/32LX500F/P
Block Diagram (6 of 7)


DG-BOARD
IC1104
MCU
LED BLINKING : 5 TIMES
LED BLINKING : 8 TIMES
MAIN SENSE
SUB SENSE
Q-LINK OUT
Q-LINK IN
QLINK_SEL
REMOTE
AI SENSOR
AFC1
KEY SACN
SOS
SOUND_MUTE
LED R
SD TXR0
SD TXD0
REC LED
24V ON
PANEL5V ON
SUB ON
MAIN ON
AC ON
24V DET
IDTV_RXDO
IDTV_TXDO
IRD_RST
SRQ
CVBS
OSD DATA
H/V/CLK
OSD OUT
Q1109
Q1110
Q1106,Q1107
IC1105
Q-LINK SEL
Q1111
QLINK_AV2
AV4_QLINK
STB5V
VCC
D1104
IC1115
FLASH MEMORY
16Mbit
DATA_I/O
ADDRESS
DATA
ADR
STB +3.3V
RESET
STB+3.3V
STB+2.5V
INV_ON
IC1108
RESET
IC1110
STB 3.3V
STB3.3V
VIN
ON/OFF
VO
OUT
VDD
IC1103
STB 2.5V
IC1114
64M SDRAM
IC1109
3.3V<->5V
SDA1
SCL1
SDA2
SCL2
SDA3
SCL3
SDA_1
SCL_1
SDA_2
SCL_2
SDA_3
SCL_3
IC1107
EEPROM
SDA
SCL
VCC
WP
SRQ
IC4010
RESET
MAIN3.3V
IC4063
DELAY
MAIN1.8V
IC1106
EX.I/O
GC RESET
SD RESET
VMUTE
SD IDO
SUB 5V
INV SOS
D4001
GC_RST
SD_RESET
SD_IDO
SUB5V
LED BLINKING : 1 TIME
IC1116
EX.I/O
HDMI_INT
HDMI_RESET
ADAC_PD
HPD
HDMI AMUTE
HDMI 5V DET
HDMI RBSTNSS
IC4081
TEMP SENSOR
MAIN5V
IC4033
LVDS TX
BUFFER
TTL PARALEL DATA
LVDS CONV.
R/G/B (8bit) CLK
HS/VS
+3.3V
TD+
TD-
TCLK+
TCLK-
TC+
TC-
TB+
TB-
TA+
TA-
DG7
LCD PANEL
RX3+
RX3-
RXCLK+
RXCLK-
RX2+
RX2-
RX1+
RX1-
RX0+
RX0-
+5V(P)
+3.3V(P)
PANEL5V
Q4076
PANEL3.3V
Q4075
DG6
LCD PANEL
INV_SOS
INV_ON
CURRENT
INV_PWM1
INV_PWM2
Q4049,Q4053
LEVEL TRANSFER
Q4050,Q4052
ANALOG LPF
DG11
STB5V
SRQ
SCL2
SDA2
SCL3
SDA3
EEP_WP
1
2
3
4
5
6
7
8

AP-BOARD (COMPONENT SIDE)
TNPA3487AA (TX-26/32LXD500)
TNPA3487AC (TX-26/32LX500F/P)




TNPA3487
② AP
ORDER NO.
COLD
HOT
LIVE
CIRCUIT
F7000
250V T5AH
ZA7001
ZA7002
ZA7003
ZA7004
ZA7005
AP1
AP2
AP3
AP4
AP5
AP6
AP10
AP11
IC7101
IC7103
IC7301
IC7401
IC7701
IC7751
LF7002
LF7003
LF7004
L7001
L7702
T7101
PC7102
RL7001
RL7002
R7003
R7004
R7002
D7004
C7002
C7003
C7004
C7005
C7007
C7008
C7012
C7109
C7702
JS7401
JS7501
JS7701
JS7702
JS7751
JS7752
JS7961

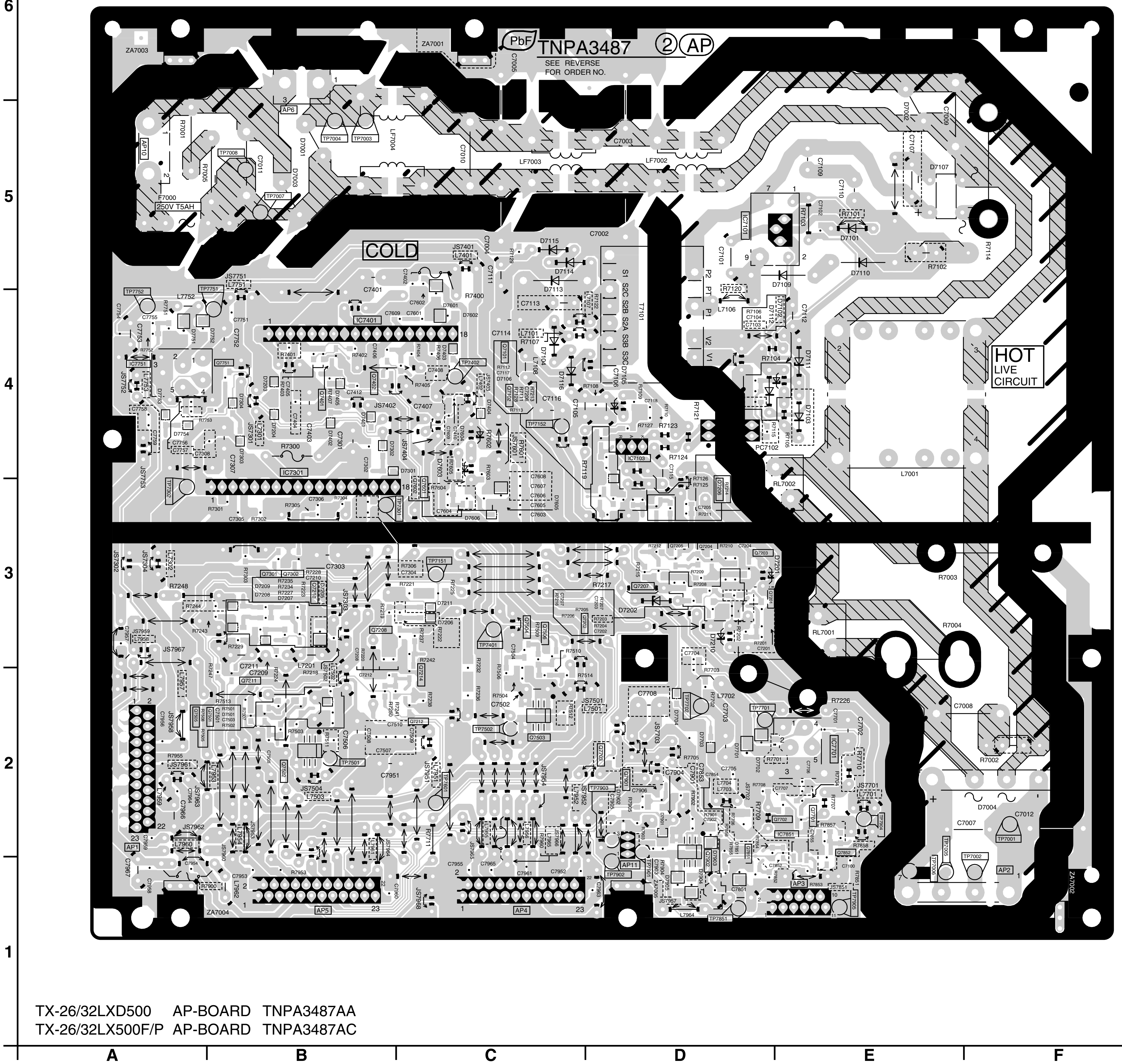
Parts Location

AP-BOARD (COMPONENT SIDE)			
IC			
IC7101	C-5		
IC7103	C-4		
IC7301	E-3		
IC7401	E-4		
IC7701	C-2		
IC7751	F-4		

6 5 4 3 2 1

A B C D E F G H I

AP-BOARD (FOIL SIDE)
TNPA3487AA (TX-26/32LXD500)
TNPA3487AC (TX-26/32LX500F/P)



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4
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2
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A
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C
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PbF
TNPA3487
② AP
SEE REVERSE
FOR ORDER NO.
ZA7003
ZA7001
ZA7002
ZA7004
COLD
HOT
LIVE
CIRCUIT
F7000
250V T5AH
AP6
AP10
AP1
AP2
AP3
AP4
AP5
AP11
LF7002
LF7003
LF7004
L7001
RL7001
RL7002
IC7101
IC7103
IC7301
IC7401
IC7701
IC7751
IC7851
T7101
PC7102
TP7001
TP7002
TP7003
TP7004
TP7007
TP7008
TP7151
TP7152
TP7301
TP7302
TP7401
TP7402
TP7501
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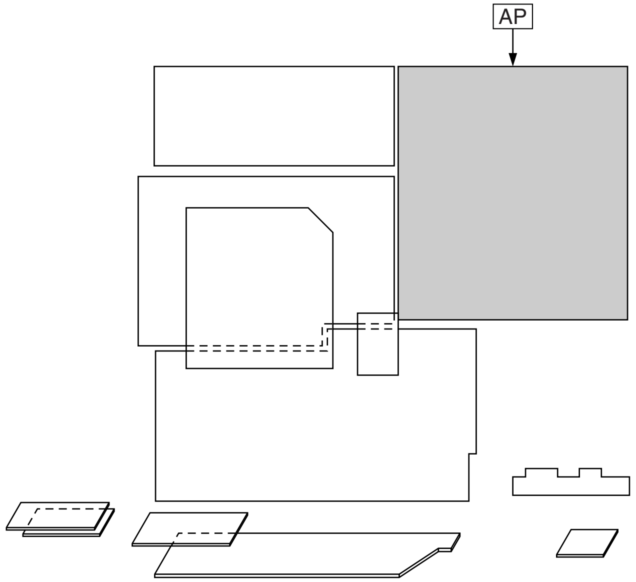
TP7904
TP7905
TP7909



Parts Location

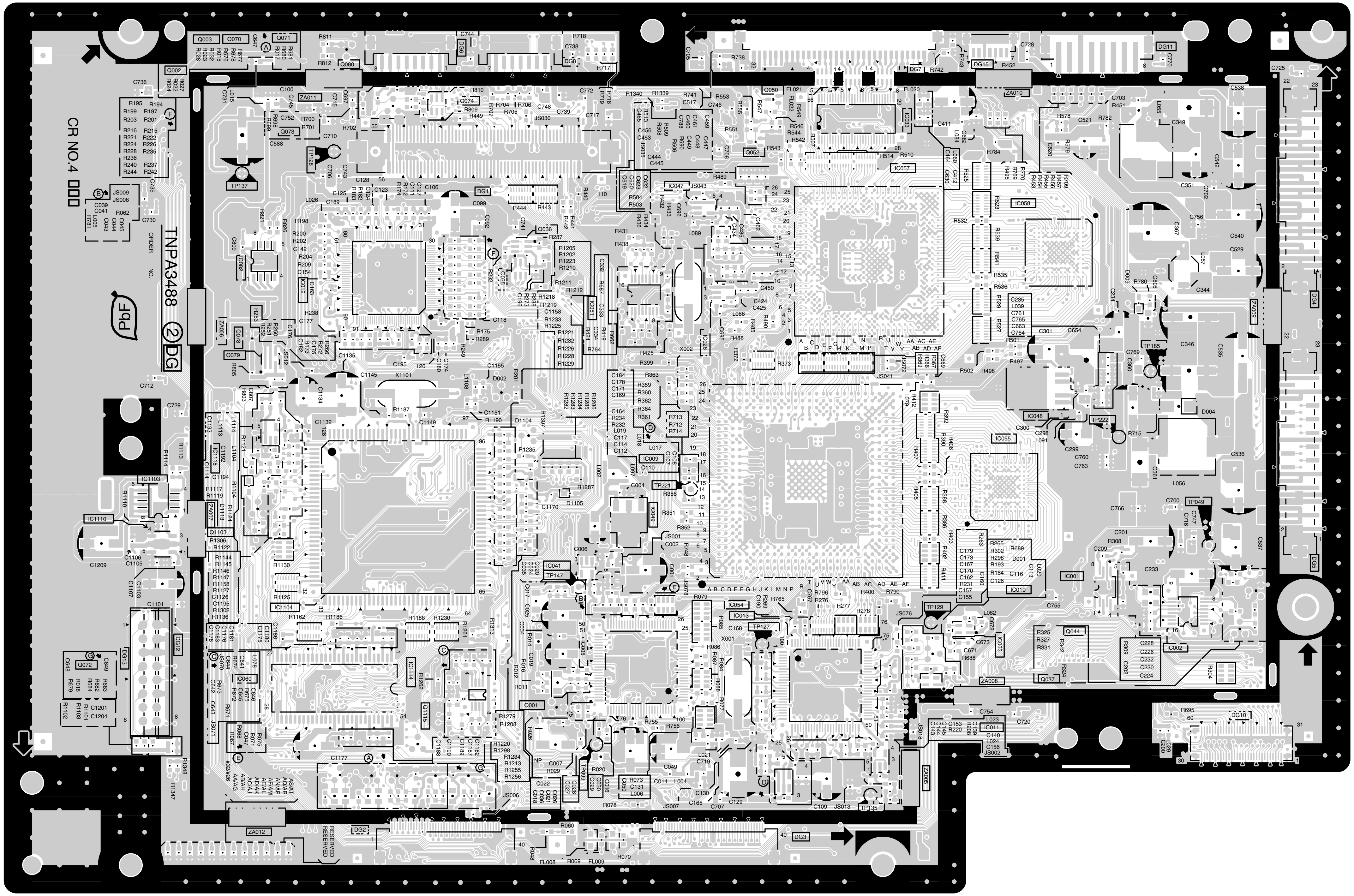
AP-BOARD (FOIL SIDE)					
IC		TRANSISTOR		TRANSISTOR	
IC7101	D-5	Q7101	C-4	Q7852	E-2
IC7103	D-4	Q7102	C-4	Q7901	D-2
IC7301	B-3	Q7201	D-3	Q7902	D-1
IC7401	B-4	Q7202	C-3	TP7001	F-2
IC7701	E-2	Q7203	D-3	TP7002	F-1
IC7751	A-4	Q7204	D-3	TP7003	B-5
IC7851	E-2	Q7205	D-3	TP7004	B-5
		Q7206	D-3	TP7005	E-1
		Q7207	D-3	TP7006	E-1
		Q7208	B-3	TP7007	B-5
		Q7210	B-3	TP7008	B-5
		Q7211	B-2	TP7151	C-3
		Q7212	C-2	TP7152	C-4
		Q7214	C-2	TP7301	B-3
		Q7301	B-3	TP7302	A-3
		Q7302	B-3	TP7401	C-3
		Q7401	B-4	TP7402	C-4
		Q7402	B-4	TP7501	B-2
		Q7501	A-2	TP7502	C-2
		Q7502	B-2	TP7601	C-2
		Q7503	C-2	TP7701	D-2
		Q7504	C-3	TP7702	D-2
		Q7505	A-2	TP7751	A-4
		Q7506	C-3	TP7752	A-4
		Q7601	C-3	TP7851	D-1
		Q7602	C-3	TP7901	D-1
		Q7701	E-2	TP7902	D-1
		Q7702	E-2	TP7904	E-2
		Q7703	D-2	TP7905	E-1
		Q7751	B-4	TP7909	D-2
		Q7851	D-1		

TX-26/32LXD500 AP-BOARD TNPA3487AA
TX-26/32LX500F/P AP-BOARD TNPA3487AC

DG-BOARD (COMPONENT SIDE)

TXNDG10LPM (TX-26LXD500) TXNDG10LQM (TX-26LX500F) TXNDG10LRM (TX-26LX500P)

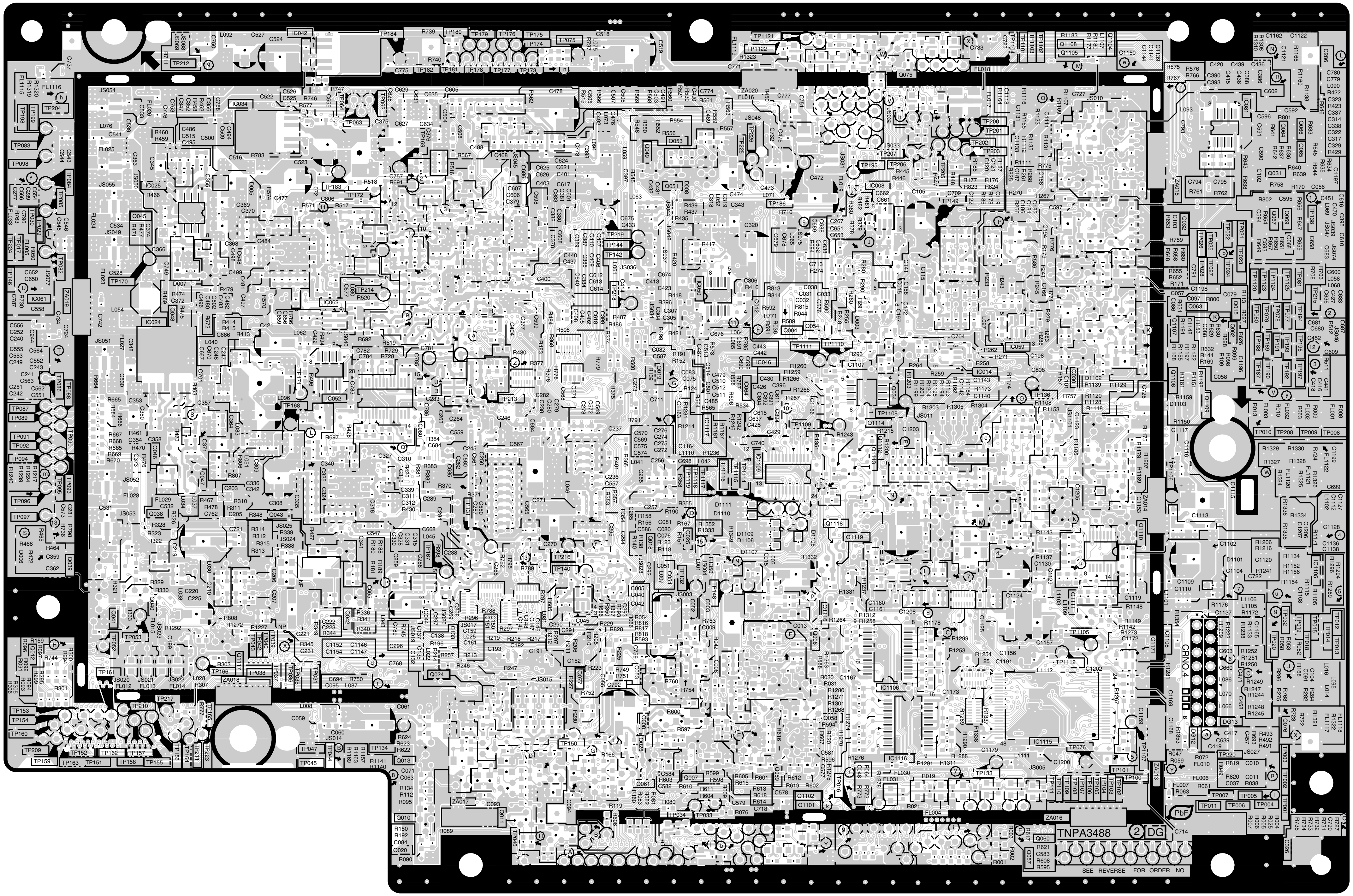
TXNDG10LLM (TX-32LXD500) TXNDG10LMM (TX-32LX500F) TXNDG10LNM (TX-32LX500P)



TX-26LXD500	DG-BOARD	TXNDG10LPM
TX-26LX500F	DG-BOARD	TXNDG10LQM
TX-26LX500P	DG-BOARD	TXNDG10LRM
TX-32LXD500	DG-BOARD	TXNDG10LLM
TX-32LX500F	DG-BOARD	TXNDG10LMM
TX-32LX500P	DG-BOARD	TXNDG10LNM

TX-26LXD500 DG-BOARD TXNDG10LPM
TX-26LX500F DG-BOARD TXNDG10LQM
TX-26LX500P DG-BOARD TXNDG10LRM
TX-32LXD500 DG-BOARD TXNDG10LLM
TX-32LX500F DG-BOARD TXNDG10LMM
TX-32LX500P DG-BOARD TXNDG10LNM

DG-BOARD (FOIL SIDE)
TXNDG10LPM (TX-26LXD500) TXNDG10LQM (TX-26LX500F) TXNDG10LRM (TX-26LX500P)
TXNDG10LLM (TX-32LXD500) TXNDG10LMM (TX-32LX500F) TXNDG10LNM (TX-32LX500P)


TNPA3488
2 DG
SEE REVERSE FOR ORDER NO.
CRN04
PbF
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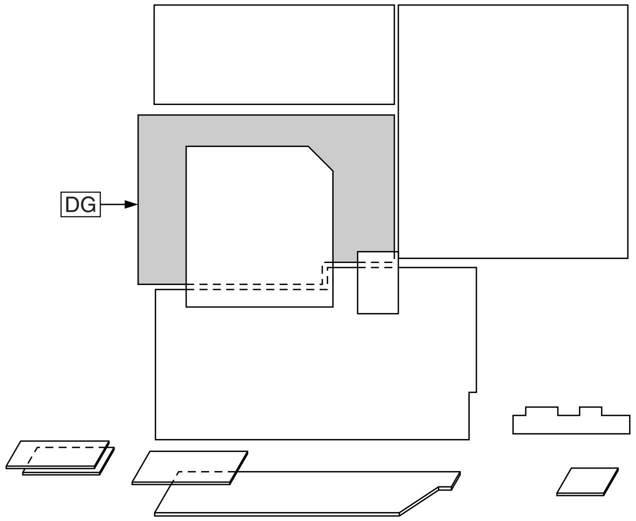
TX-26LXD500	DG-BOARD	TXNDG10LPM
TX-26LX500F	DG-BOARD	TXNDG10LQM
TX-26LX500P	DG-BOARD	TXNDG10LRM
TX-32LXD500	DG-BOARD	TXNDG10LLM
TX-32LX500F	DG-BOARD	TXNDG10LMM
TX-32LX500P	DG-BOARD	TXNDG10LNM

TX-26LXD500	DG-BOARD	TXNDG10LPM
TX-26LX500F	DG-BOARD	TXNDG10LQM
TX-26LX500P	DG-BOARD	TXNDG10LRM
TX-32LXD500	DG-BOARD	TXNDG10LLM
TX-32LX500F	DG-BOARD	TXNDG10LMM
TX-32LX500P	DG-BOARD	TXNDG10LNM



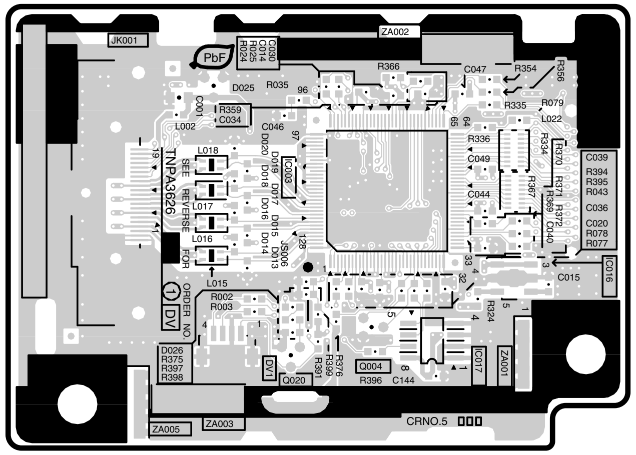
Parts Location

DG-BOARD (COMPONENT SIDE)															
IC		**TRANSISTOR**		**TRANSISTOR**		**TP**		**TP**		**TP**		**TP**		**TP**	
IC1105	H-3	Q1101	E-2	Q4040	B-3	TP001	H-2	TP040	B-3	TP104	G-2	TP142	D-5	TP186	E-5
IC1106	E-2	Q1102	E-2	Q4041	A-3	TP002	H-2	TP042	B-3	TP105	G-2	TP144	D-5	TP187	G-4
IC1107	E-4	Q1104	G-6	Q4042	C-2	TP003	H-2	TP043	B-3	TP106	G-2	TP146	A-5	TP188	G-4
IC1108	G-3	Q1105	F-6	Q4043	B-3	TP004	G-2	TP044	C-2	TP107	G-2	TP148	E-3	TP189	G-4
IC1109	E-4	Q1106	G-4	Q4045	B-5	TP005	G-2	TP045	B-2	TP108	F-2	TP150	D-2	TP190	G-4
IC1115	F-2	Q1107	G-4	Q4046	B-4	TP006	G-2	TP046	C-2	TP109	F-2	TP151	A-2	TP191	H-4
IC1116	F-2	Q1108	F-6	Q4047	B-3	TP007	G-2	TP047	B-2	TP110	F-2	TP152	A-2	TP192	H-4
IC1117	E-4	Q1109	G-4	Q4048	B-4	TP008	H-4	TP052	A-3	TP1102	F-6	TP153	A-2	TP193	H-4
IC4008	E-5	Q1110	G-3	Q4049	D-5	TP009	H-4	TP053	B-3	TP1103	F-6	TP154	A-2	TP194	H-4
IC4014	F-4	Q1111	F-3	Q4051	D-5	TP010	G-4	TP053	C-5	TP1104	F-6	TP155	B-2	TP195	E-5
IC4015	F-5	Q1112	E-4	Q4053	D-5	TP010	H-4	TP062	C-5	TP1105	F-3	TP156	B-2	TP196	H-4
IC4024	B-4	Q1113	E-4	Q4054	E-4	TP011	G-2	TP064	C-5	TP1105	G-3	TP157	B-2	TP197	H-4
IC4025	B-5	Q1114	E-4	Q4057	F-2	TP012	H-3	TP075	D-6	TP1106	G-3	TP158	A-2	TP198	A-5
IC4034	B-5	Q1116	E-3	Q4058	E-2	TP013	H-3	TP076	G-2	TP1107	G-2	TP158	B-2	TP199	A-5
IC4042	B-6	Q1117	B-3	Q4059	E-2	TP014	H-3	TP077	H-4	TP1108	E-4	TP159	A-2	TP200	F-5
IC4044	C-3	Q1118	E-3	Q4060	F-2	TP015	H-3	TP078	H-4	TP1108	F-4	TP160	A-2	TP201	F-5
IC4045	D-3	Q1119	E-3	Q4061	D-2	TP016	E-2	TP079	G-4	TP111	F-2	TP161	A-2	TP202	F-5
IC4046	E-4	Q4004	E-4	Q4062	G-4	TP017	A-5	TP080	G-4	TP1110	E-4	TP162	A-2	TP203	F-5
IC4050	E-5	Q4006	E-3	Q4063	G-4	TP018	H-3	TP081	H-5	TP1111	E-4	TP163	A-2	TP204	A-5
IC4052	C-4	Q4007	D-2	Q4064	H-5	TP019	H-3	TP082	A-5	TP1112	F-3	TP164	B-2	TP206	F-5
IC4059	F-4	Q4008	D-2	Q4065	H-5	TP020	H-3	TP083	A-5	TP1112	F-3	TP165	B-2	TP207	F-5
IC4061	A-4	Q4010	C-2	Q4066	H-5	TP021	G-5	TP084	A-5	TP1114	E-4	TP166	B-3	TP208	H-4
IC4062	C-4	Q4011	A-3	Q4067	H-5	TP022	G-5	TP085	A-5	TP1115	E-4	TP167	C-3	TP209	A-2
IC4064	E-4	Q4012	A-3	Q4068	H-5	TP023	G-5	TP086	A-4	TP1116	E-4	TP168	B-4	TP210	B-2
IC4080	C-4	Q4013	C-2	Q4069	H-5	TP024	G-5	TP087	A-4	TP1117	E-4	TP169	C-5	TP211	B-2
IC4081	G-5	Q4015	G-4	Q4075	F-6	TP025	G-5	TP088	A-4	TP1118	D-3	TP170	B-5	TP212	B-6
		Q4018	D-3	Q4076	H-2	TP026	G-5	TP089	A-4	TP1119	D-3	TP172	C-5	TP213	C-4
		Q4019	D-4	Q4077	D-2	TP027	G-5	TP090	A-4	TP1120	G-5	TP173	D-6	TP214	C-5
		Q4020	C-2			TP028	G-5	TP091	A-4	TP1121	E-6	TP174	D-6	TP215	H-4
		Q4024	C-2			TP029	A-5	TP092	A-4	TP1122	E-6	TP175	D-6	TP215	H-4
		Q4025	D-3			TP030	A-5	TP093	A-3	TP1123	G-5	TP176	C-6	TP216	D-3
		Q4026	D-2			TP031	B-2	TP094	A-4	TP1124	H-5	TP176	D-6	TP217	B-2
		Q4030	F-4			TP032	H-3	TP095	A-3	TP1125	H-5	TP177	C-6	TP218	D-4
		Q4031	H-5			TP033	E-2	TP096	A-3	TP131	C-3	TP178	C-6	TP219	D-5
		Q4032	G-5			TP034	D-2	TP097	A-3	TP132	D-3	TP179	C-6	TP220	G-2
		Q4034	F-4			TP035	B-2	TP098	A-5	TP133	F-2	TP180	C-6	TP223	B-2
		Q4038	B-3			TP036	B-2	TP100	G-2	TP134	C-2	TP181	C-6	TP224	A-5
		Q4039	A-3			TP037	B-2	TP101	G-2	TP136	F-4	TP182	C-6	TP225	E-5
		Q4040	B-3			TP038	B-2	TP102	G-2	TP138	H-5	TP183	C-5	TP226	E-5
		Q4041	A-3			TP039	B-3	TP103	G-2	TP140	D-3	TP184	C-6		

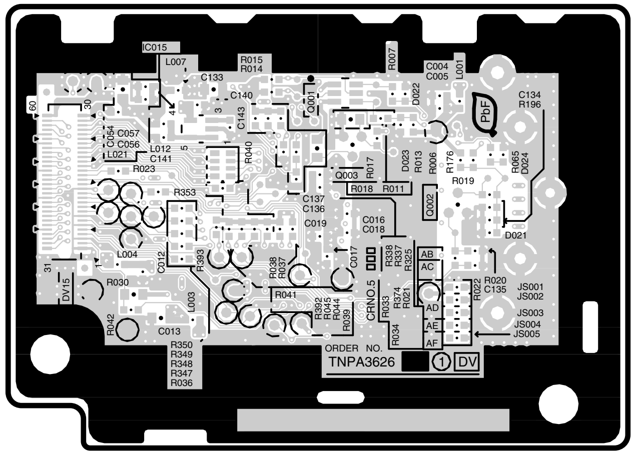
Parts Location

DG-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC1103	B-3	Q1103	B-3
IC1104	B-3	Q1115	C-2
IC1110	A-3	Q4001	D-2
IC1114	C-2	Q4002	B-6
IC1118	B-4	Q4003	B-6
IC4001	F-3	Q4035	C-5
IC4002	G-3	Q4036	D-5
IC4005	D-3	Q4037	F-2
IC4009	D-4	Q4044	F-3
IC4010	F-3	Q4050	E-6
IC4011	F-1	Q4052	E-5
IC4012	B-4	Q4070	B-6
IC4013	E-3	Q4071	B-6
IC4026	E-4	Q4072	A-2
IC4033	F-5	Q4073	B-5
IC4041	D-3	Q4074	C-5
IC4047	D-5	Q4078	B-4
IC4048	F-4	Q4079	B-4
IC4049	D-3	Q4080	C-6
IC4051	D-4		
IC4054	E-3	**TP**	
IC4055	F-4		
IC4057	F-5	TP009	D-2
IC4058	F-5	TP049	G-3
IC4060	B-2	TP127	E-3
IC4063	F-3	TP128	C-5
IC4082	B-5	TP129	F-3
		TP135	E-2
		TP137	B-5
		TP147	D-3
		TP185	G-5
		TP221	D-3
		TP222	G-4

DV-BOARD (FOIL SIDE)
TXNDV10LLM


JK001
ZA002
PbF
TNPA3626
SEE REVERSE FOR ORDER NO.
ORDER NO. ① DV
ZA005
ZA003
CRNO.5

DV-BOARD (COMPONENT SIDE)
TXNDV10LLM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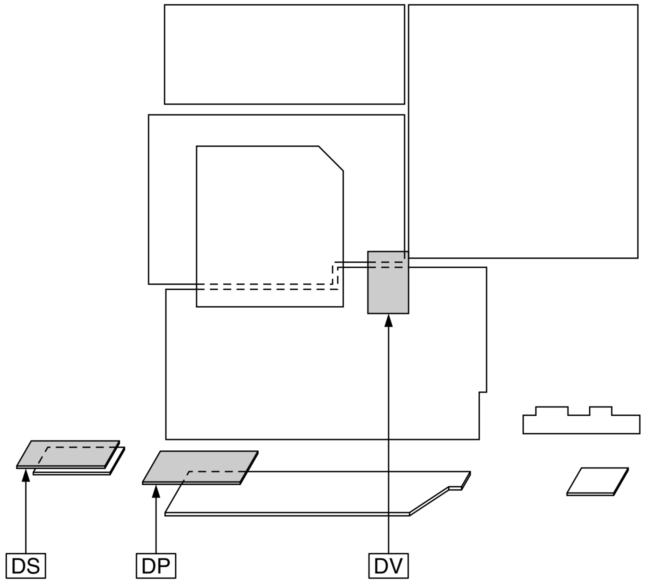
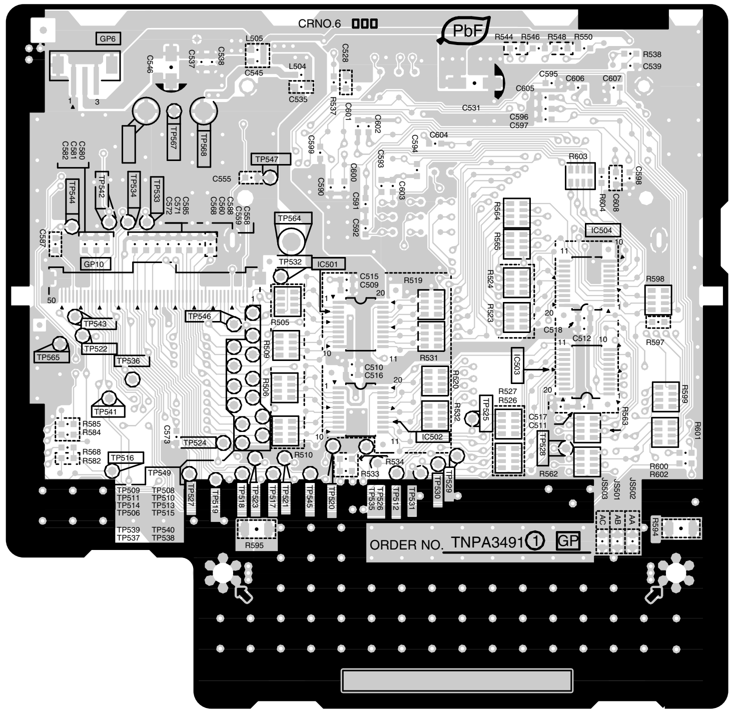
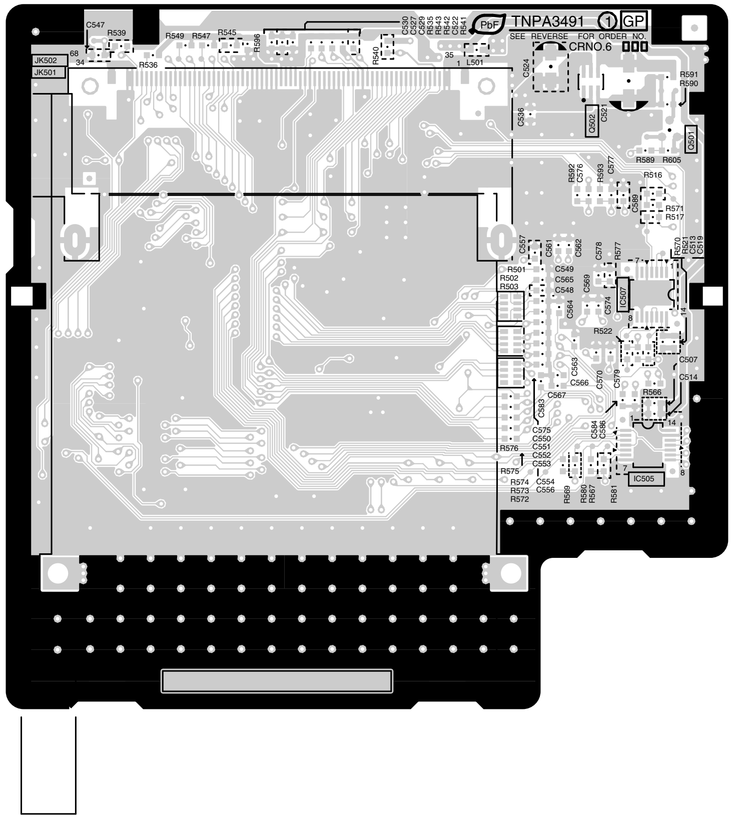
ORDER NO.
TNPA3626 ① DV



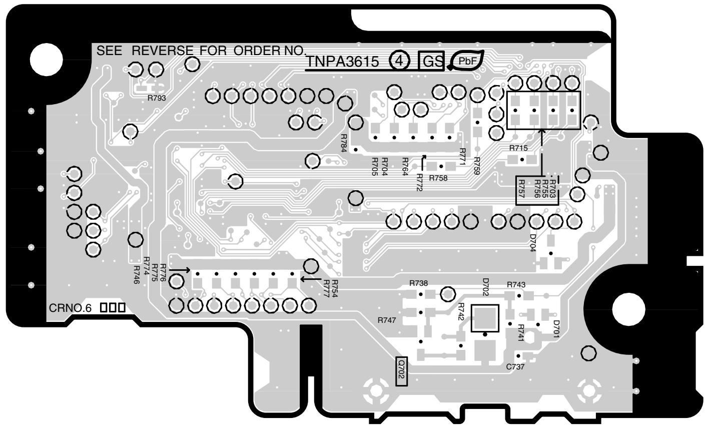
GP-BOARD (FOIL SIDE)
TNPA3491AA


CRNO.6
PbF
GP6
GP10
ORDER NO. TNPA3491 ① GP

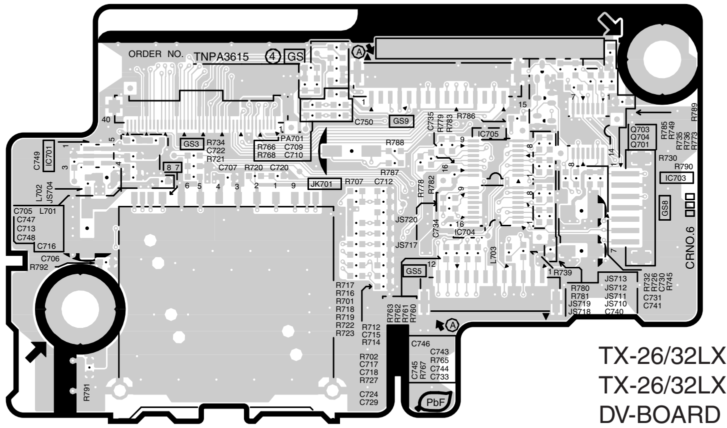
GP-BOARD (COMPONENT SIDE)
TNPA3491AA


PbF
TNPA3491 ① GP
SEE REVERSE FOR ORDER NO.
CRNO.6
JK502
JK501
IC504
IC505

GS-BOARD (FOIL SIDE)
TNPA3651AA


SEE REVERSE FOR ORDER NO.
TNPA3615 ④ GS
PbF
CRNO.6

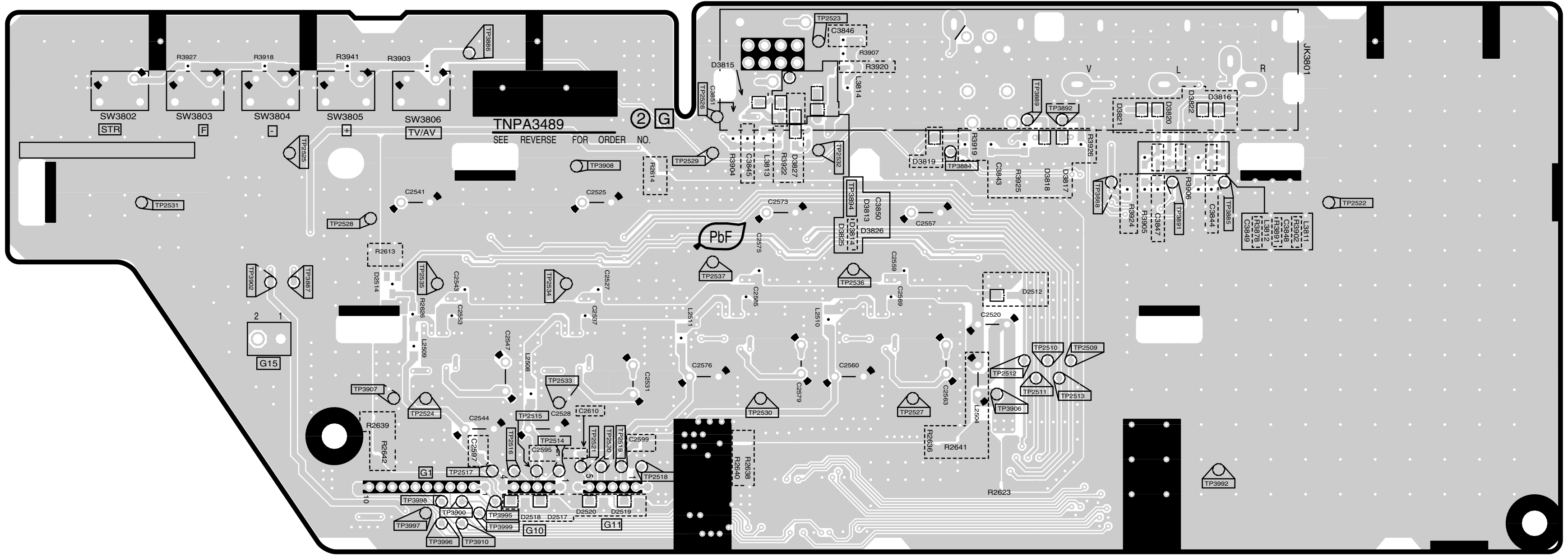
GS-BOARD (COMPONENT SIDE)
TNPA3651AA


ORDER NO. TNPA3615 ④ GS
IC705
IC703
IC701
JK701
CRNO.6
PbF

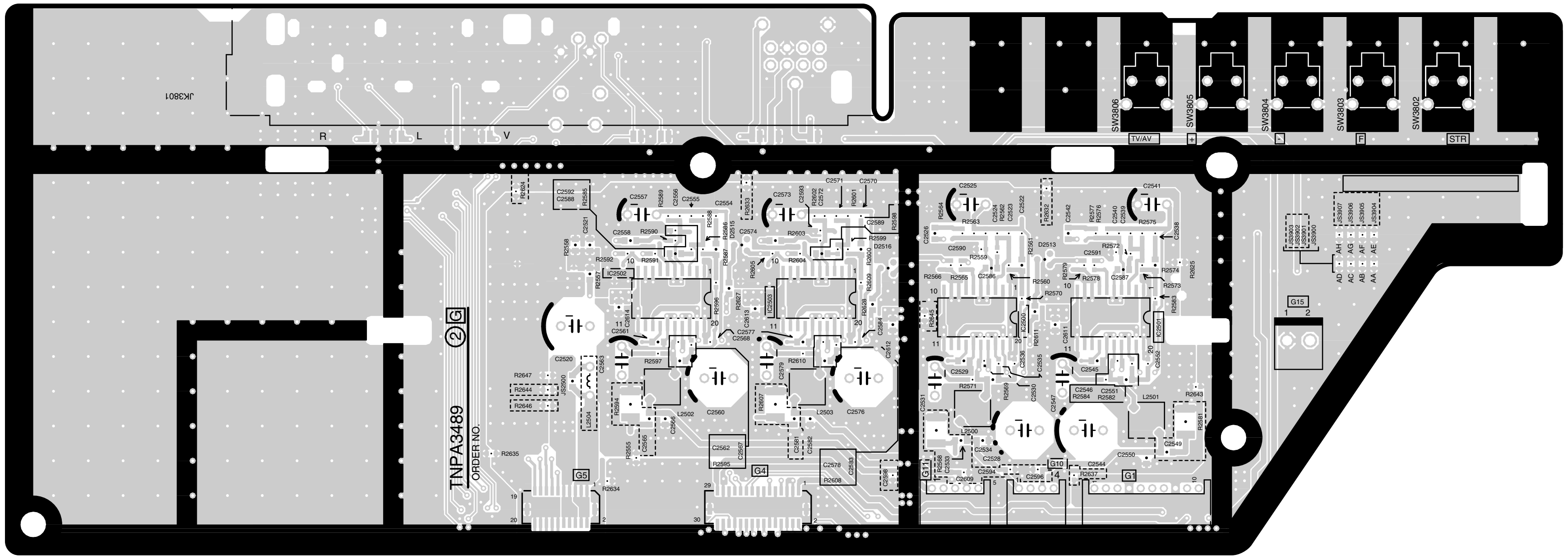
TX-26/32LXD500
TX-26/32LX500F/P
DV-BOARD TXNDV10LLM
GP-BOARD TNPA3491AA
GS-BOARD TNPA3615AA

TX-26/32LXD500
TX-26/32LX500F/P
DV-BOARD TXNDV10LLM
GP-BOARD TNPA3491AA
GS-BOARD TNPA3615AA

G-BOARD (FOIL SIDE)
TNPA3489AB


SW3802
STR
SW3803
F
SW3804
SW3805
SW3806
TV/AV
TNPA3489
SEE REVERSE FOR ORDER NO.
② G
JK3801
PbF
G15
G1
G10
G11

G-BOARD (COMPONENT SIDE)
TNPA3489AB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R
L
V
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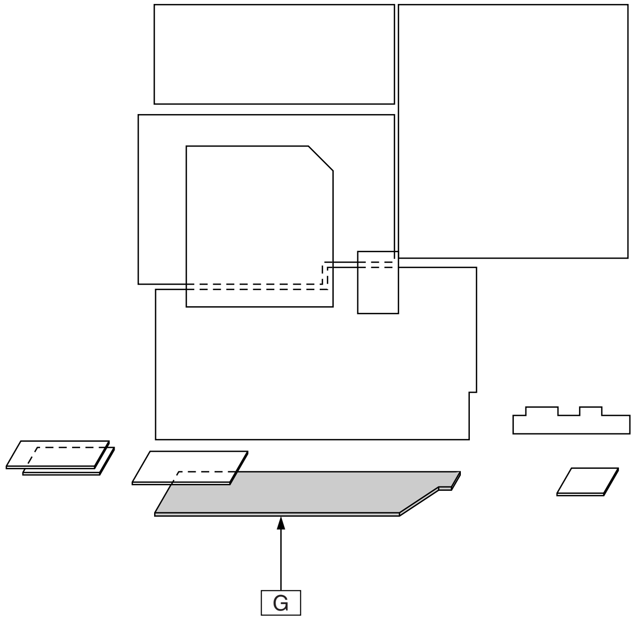
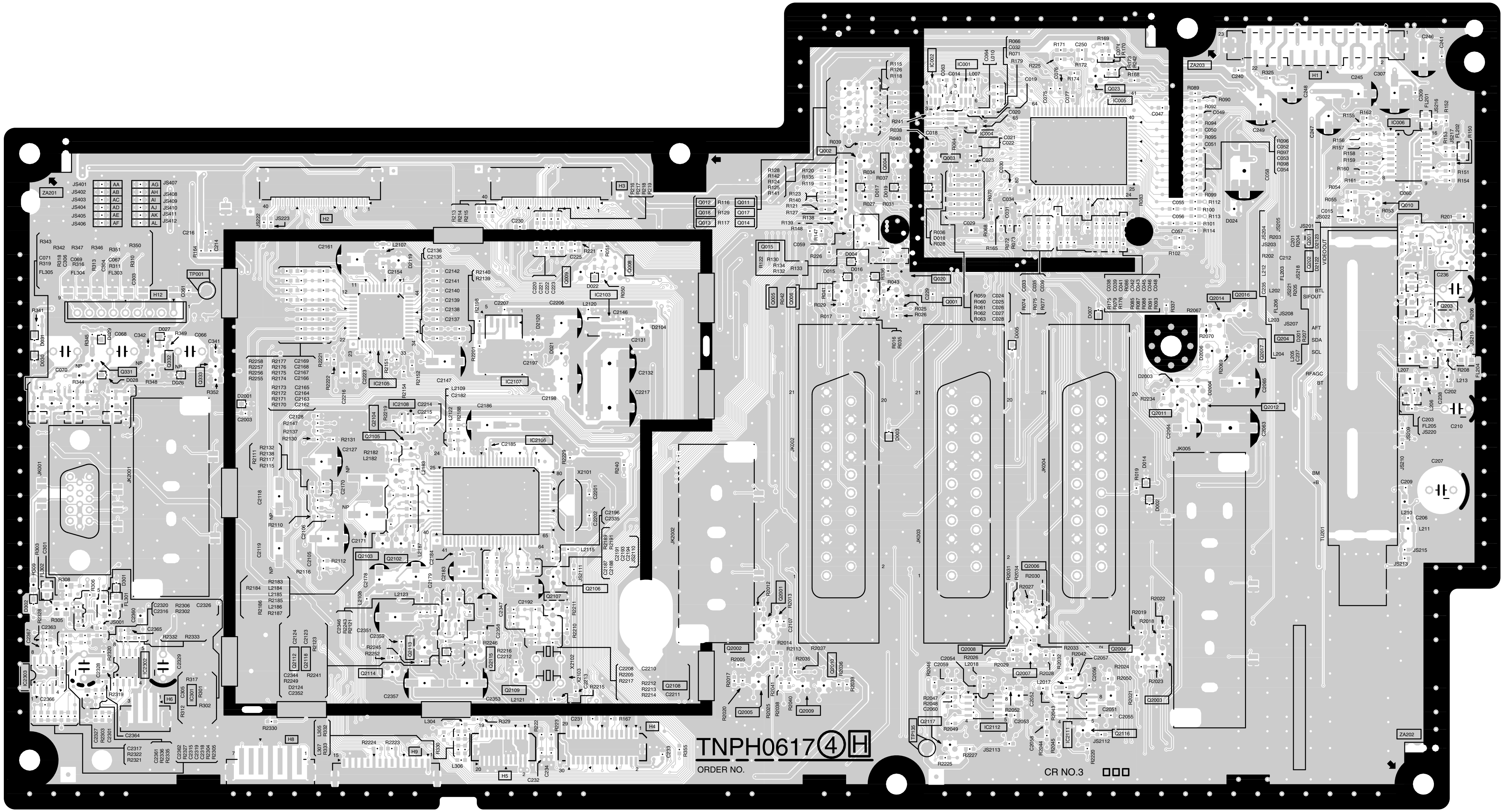
SW3805
SW3804
SW3803
SW3802
TV/AV
STR
F
G15
② G
TNPA3489
ORDER NO.
G5
G4
G11
G10
G1



Parts Location

G-BOARD					
IC		TP		TP	
IC2500	E-2	TP2509	E-5	TP2534	C-5
IC2501	E-2	TP2510	E-5	TP2535	B-5
IC2502	C-2	TP2511	E-5	TP2536	D-5
IC2503	D-2	TP2512	E-5	TP2537	C-5
		TP2513	E-5	TP3884	D-6
		TP2514	C-4	TP3885	E-5
		TP2515	C-4	TP3886	C-6
		TP2516	C-4	TP3887	B-5
		TP2517	C-4	TP3888	E-5
		TP2518	C-4	TP3889	E-6
		TP2519	C-4	TP3891	E-5
		TP2520	C-4	TP3892	E-6
		TP2521	C-4	TP3894	D-5
		TP2522	F-5	TP3900	C-4
		TP2523	D-6	TP3902	B-5
		TP2524	B-5	TP3906	E-5
		TP2525	B-6	TP3907	B-5
		TP2526	C-6	TP3908	C-6
		TP2527	D-5	TP3910	C-4
		TP2528	B-5	TP3992	E-4
		TP2529	C-6	TP3995	C-4
		TP2530	D-5	TP3996	B-4
		TP2531	A-5	TP3997	B-4
		TP2532	D-6	TP3998	B-4
		TP2533	C-5	TP3999	C-4

H-BOARD (COMPONENT SIDE)
TXN/H10LLM (TX-26/32LXD500)
TXN/H10LMM (TX-26/32LX500F/P)


TNPH0617 ④ H
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IC005
IC006
X2101
ZA201
ZA202
ZA203
VIDEOOUT
SIFOUT
BTL
AFT
SDA
SCL
RFAGC
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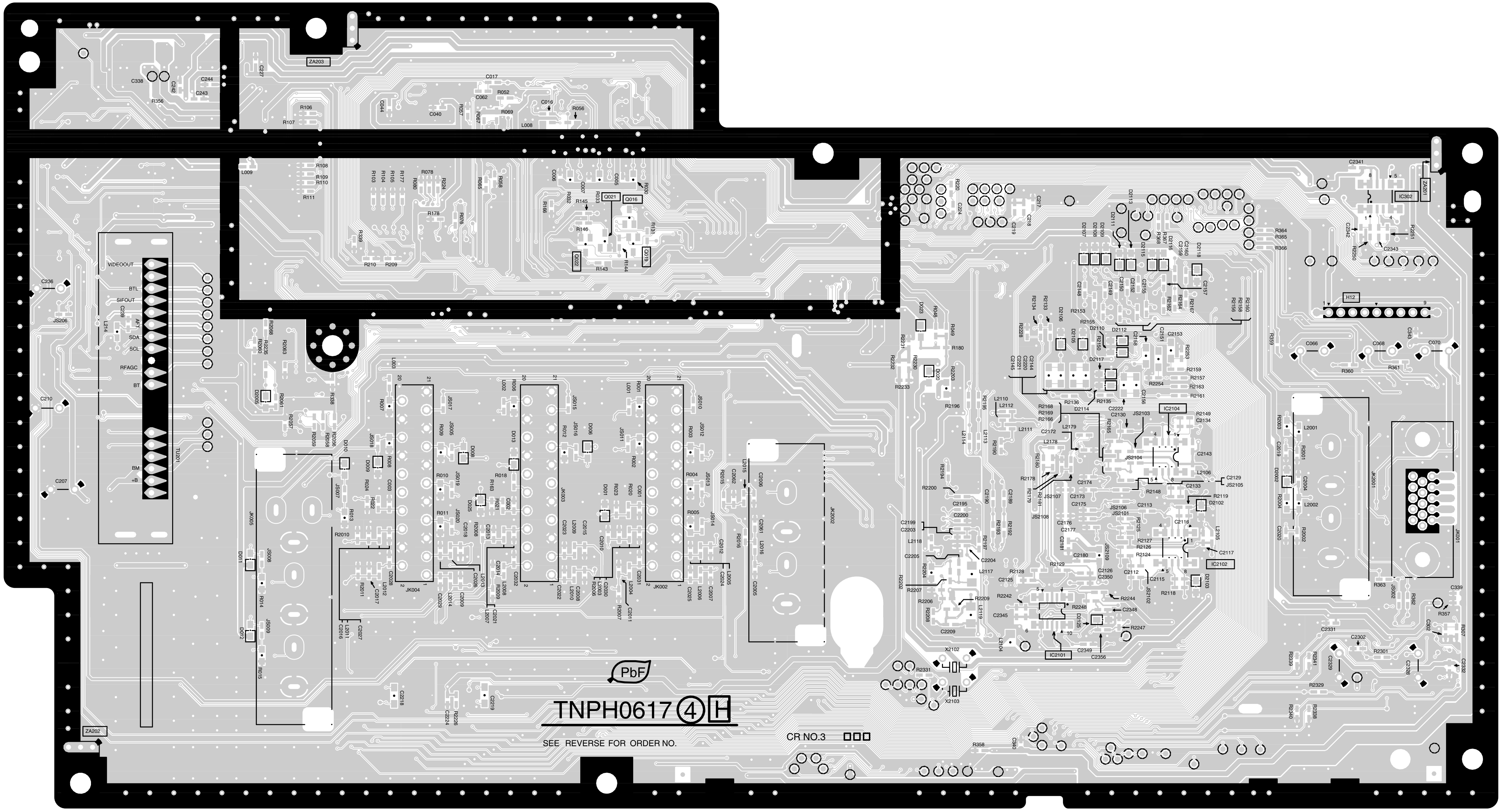
TX-26/32LXD500 H-BOARD TXN/H10LLM
TX-26/32LX500F/P H-BOARD TXN/H10LMM

H-BOARD (FOIL SIDE)
TNH/H10LLM (TX-26/32LXD500)
TNH/H10LMM (TX-26/32LX500F/P)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JK005
JK2002
JK2001
Q021
Q016
IC302
H12
IC2104
IC2102
IC2101
PbF
TNPH0617 ④ H
SEE REVERSE FOR ORDER NO.
CR NO.3

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A B C D E F G H I